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FORMULA INDEX.

THE following index of organic compounds of known empirical formula is arranged according to Richter's system (see *Lexikon der Kohlenstoff-Verbindungen*).

The elements are given in the order C, H, O, N, Cl, Br, I, F, S, P, and the remainder alphabetically.

The compounds are arranged—

Firstly, in groups according to the number of carbon atoms (thus C_1 group, C_2 group, etc.).

Secondly, according to the number of other elements besides carbon contained in the molecule (thus 5 IV indicates that the molecule contains five carbon atoms and four other elements).

Thirdly, according to the nature of the elements present in the molecule (given in the above order).

Fourthly, according to the number of atoms of each single element (except carbon) present in the molecule.

Salts are placed with the compounds from which they are derived. The chlorides, bromides, iodides, and cyanides of quaternary ammonium bases, however, are registered as group-substances.

C_1 Group.

CH_4 Methane, extinction of flames of, by water vapour (COWARD and GLEADALL), 243.

CO Carbon monoxide, dielectric strengths of explosive gas mixtures containing (BRADFORD and FINCH), 1540; catalytic action of hydrogen on flames of (GARNER and HALL), 2037; influence of hydrogen and of water vapour on ignition of (SMITHELLS, WHITAKER, and HOLMES), 185.

CS_2 Carbon disulphide, reaction of aminophenylarsinic acids with (EVERETT), 1691.

1 II

CHN Hydrocyanic acid, action of halogen hydrides on (HINKEL and DUNN), 1834; complex salts, potential and titration curves for solutions of (GLASSTONE), 1237.

CH_2O Formaldehyde, reactions of, with malonic esters (WELCH), 257.

CH_2O_2 Formic acid, cuprammine salts of (KING), 2311; ruthenium salts (MOND), 1249.

CH_2O_3 Carbonic acid, effect of, on corrosion of iron (EVANS), 488.

CH_4O Methyl alcohol, critical solution temperature of mixtures of *cyclo*hexane and (JONES and AMSTELL), 1316; conductivity of perchlorates in (COPLEY and HARTLEY), 2488; detection and determination of water in (JONES and AMSTELL), 1316.

1 III

CHNS Thiocyanic acid, ammonium salt, development of colour by photochemical change in solutions of (SHARMA), 308; sodium salt, solubility of, in alcohol (PARTINGTON), 181.

CH_3O_2N Nitromethane, latent heat of evaporation of (PHILIP and WATERTON), 2783.

CH_4ON_2 Carbamide, equilibrium of ammonium nitrate, sodium nitrate, and (HOWELLS), 2010.

CH_4O_2S Methanesulphinic acid, silver salt (INGOLD and JESSOP), 713.

C_2 Group.

C_2H_4 Ethylene, thermal decomposition of (WHEELER and WOOD), 1823; movement of flame in mixtures of air and (GEORGESON and HARTWELL), 733.

2 II

C_2HCl_3 Trichloroethylene, halogen displacement of (WARD), 2143.

C_2HBr_3 Tribromoethylene, halogen displacement from (WARD), 2143.

$C_2H_2O_4$ Oxalic acid, anhydrous, preparation of (JOHNSON and PARTINGTON), 1510; potassium hydrogen salt, catalysis of acetone–iodine reaction by (DAWSON and SMITH), 79.

$C_2H_2Cl_4$ *s*-Tetrachloroethane, displacement of halogen from (WARD), 2143.

$C_2H_2Br_4$ *s*-Tetrabromoethane, displacement of halogen from (WARD), 2143.

C_2H_4O Acetaldehyde, photochemical reaction of, with oxygen (BOWEN and TIETZ), 234.

$C_2H_4O_2$ Acetic acid, heat of association of (FENTON and GARNER), 694; (DOHSE and DUNHILL), 2409; cuprammine salts of (KING), 2311; mercuric salt, action of, on cedrene (BELL), 1908; ruthenium salts (MOND), 1247.

C_2H_6O Ethyl alcohol, conductivity of uni-univalent ions in, and its purification (COPLEY, MURRAY-RUST, and HARTLEY), 2492.

2 III

$C_2HO_2Cl_3$ Trichloroacetic acid, cuprammine salts (KING), 2316.

C_2H_3OBr Acetyl bromide, action of phenols with, in ethyl acetate (BASSETT), 1314.

C_2H_3NCl Chloromethyleneformamidine (HINKEL and DUNN), 1837.

$C_2H_3N_2Br_3$ Hydrocyanic acid sesquibromide (HINKEL and DUNN), 1839.

C_2H_5ON Acetamide, hydrolysis of (TAYLOR), 2741.

$C_2H_5N_2I_3$ Hydrocyanic acid sesqui-iodide (HINKEL and DUNN), 1839.

$C_2H_5I_2Sb$ Ethyldi-iodostibine, action of halogens on (CLARK), 2737.

$C_2H_6O_4S$ Methyl sulphate, methylation of phenols by (HODGSON and NIXON), 2166.

C_3 Group.

C_3H_6 Propylene, thermal decomposition of (WHEELER and WOOD), 1823; movement of flame in mixtures of air and (GEORGESON and HARTWELL), 733.

3 II

C_3H_6O Acetone, solubilities and equilibria of salts in (BELL, ROWLANDS, BAMFORD, THOMAS, and JONES), 1927; catalysis of the reaction of iodine with (DAWSON and SPIVEY), 2180.

$C_3H_6S_{12}$ 1:3-Dithiolan (GIBSON), 12.

C_3H_6Se *cyclo*Selenopropane, and its mercurichloride (MORGAN and BURSTALL), 1499.

C_3H_8O Methyl ethyl ether, catalytic decomposition of (CLUSIUS), 2608.

3 III

$C_3H_4ON_2$ Cyanoacetamide, condensations with (BARDHAN), 1509.

$C_3H_6OS_2$ 1:3-Dithiolan monoxide (GIBSON), 13.

$C_3H_6O_2S_2$ 1:3-Dithiolan dioxide (GIBSON), 13.

$C_3H_6I_2Se$ *cyclo*Selenipropane 1:1-di-iodide (MORGAN and BURSTALL), 1499.

$C_3H_6I_2Se_2$ Trimethylenediselenodi-iodide (MORGAN and BURSTALL), 1501.

$C_3H_8O_2N_2$ α-Methylamino-α-hydroxyacetamide (BALABAN), 273.

3 IV

C_3H_8ONCl Allylhydroxylamine hydrochlorides (BRADY and PEAKIN), 228.

$C_3H_{10}O_{10}N_2Se_2$ Trimethylenediselenious acid dinitrate (MORGAN and BURSTALL), 1501.

C_4 Group.

C_4H_8 Butylene, movement of flame in mixtures of oil and (GEORGESON and HARTWELL), 733.

Butylenes, thermal decomposition of (WHEELER and WOOD), 1824.

4 II

$C_4H_2O_3$ Maleic anhydride, preparation of (Mason), 700.
$C_4H_6O_4$ Succinic acid, bromination of (Hughes and Watson), 1733.
$C_4H_6O_6$ Tartaric acid, complex cupric alkali salts (E. E. and I. W. Wark), 2474.
$C_4H_8S_2$ 1:3-Dithian (Gibson), 13.
$C_4H_{10}O$ *n*-Butyl alcohol, adsorption of mixtures of benzene and, by silica gel (Jones and Outridge), 1574.
Methyl *iso*propyl ether, catalytic decomposition of (Clusius), 2611.
C_4O_4Ni Nickel carbonyl, vapour pressure of (Anderson), 1653.

4 III

$C_4H_3ON_5$ Glyoxaline-4(5)-carboxyazide, and its picrate (Balaban), 271.
$C_4H_5OCl_3$ Butyl chloral, action of, with 2:4-dichlorophenylhydrazines (Chattaway and Irving), 87.
$C_4H_5O_3I$ α-Iodomethylacrylic acid (Welch), 259.
$C_4H_6ON_4$ Glyoxaline-4(5)-carboxyhydrazide, and its salts (Balaban), 270.
$C_4H_6O_2N_4$ 4-Nitro-5-amino-1-methylglyoxaline (Balaban), 272.
$C_4H_8OCl_2$ ββ′-Dichlorodiethyl ether, syntheses with (Gibson and Johnson), 2525.
$C_4H_8OI_2$ ββ′-Di-iododiethyl ether (Gibson and Johnson), 2526.
$C_4H_9O_2N_3$ Alacreatine, synthesis of (King), 2376.
Creatine, synthesis of (King), 2374.
$C_4H_9O_3N$ α-Amino-β-hydroxybutyric acid, and its salts (Burch), 311.
α-Nitrobutan-β-ol, and its sodium salt (Jones and Kenner), 926.
$C_4H_{10}ON_2$ αδ-Diamino-β-ketobutane, and its salts (Pyman), 99.
$C_4H_{10}O_4S$ β-Hydroxybutane-γ-sulphonic acid, salts of (Pope and Kipping), 2593.
$C_4H_{10}BrAu$ Diethylgold bromide (Gibson and Simonsen), 2531.
$C_4H_{10}IAu$ Diethylgold iodide (Gibson and Simonsen), 2536.
$C_4H_{11}OTl$ Dimethylthallium ethoxide (Menzies), 1573.
$C_4H_{12}N_2S$ Diaminodiethyl sulphide, chloroplatinate of (Mann), 1755.

4 IV

$C_4H_9OIS_2$ 1:3-Dithiolan methiodide (Gibson), 13.

4 V

$C_4H_{12}N_2Cl_2SPt$ Chloro(diaminodiethyl sulphide)platinous chloride (Mann), 1754.
Dichloro-(ββ′-diaminodiethyl sulphide)platinum, salts of (Mann), 1752.
$C_4H_{12}N_2Cl_4SPt$ Tetrachloro(diaminodiethyl sulphide) platinum, salts of (Mann), 1754.
Trichloro(diaminodiethyl sulphide) platinic chloride (Mann), 1756.

4 VI

$C_4H_{13}ON_2Cl_3SPt$ Trichloro(diaminodiethyl sulphide) platinic hydroxide (Mann), 1756.

C_5 Group.

C_5H_5N Pyridine, compounds of arsenic trichloride with (Gibson, Johnson, and Vining), 1710; action of stannic iodide with (Cooper and Wardlaw), 1144.
$C_5H_{10}O_2$ Butyric acid, electrical conductivity of aqueous mixtures of (Grindley and Bury), 1665.
$C_5H_{11}N$ Piperidine, scission of diaryl ethers by means of (Henley and Turner), 928; (Fox and Turner), 1115, 1853.
C_5O_5Fe Iron pentacarbonyl, occurrence of, in stored coal gas (Friend and Vallance), 718.

5 III

C_5H_7ON Ethyl cyanoacetate, condensations with (BARDHAN), 1509.
$C_5H_7O_2N_3$ 4(5)-Carbomethoxyaminoglyoxaline, and its picrate (BALABAN), 272.
$C_5H_7O_5Cl$ α-Chloro-β-hydroxyglutaric acid, barium salt (BURCH), 310.
$C_5H_9O_5N$ Dihydroxyglutaramic acid, and its ammonium salt (BURCH), 311.
$C_5H_9N_3S$ 2-Thiolhistamine, and its hydrochloride (PYMAN), 98.
$C_5H_{10}O_3N_2$ αδ-Diamino-γ-ketovaleric acid, and its dihydrochloride (ASHLEY and HARINGTON), 2588.
$C_5H_{11}O_3N$ α-Amino-β-hydroxy-α-methylbutyric acid, and its salts (BURCH), 312.
β-Nitroamyl alcohol, and its sodium salt (JONES and KENNER), 926.
α-Nitropentan-β-ol, and its sodium salt (JONES and KENNER), 927.

5 IV

$C_5H_{10}O_3NCl$ α-Chloro-α-nitropentan-β-ol (JONES and KENNER), 927.

C_6 Group.

C_6H_6 Benzene, adsorption of mixtures of *n*-butyl alcohol and, by silica gel (JONES and OUTRIDGE), 1574.
C_6H_{10} Diphenyl, absorption spectra of (ADAM and RUSSELL), 202.
C_6H_{12} *cyclo*Hexane, critical solution temperature of mixtures of methyl alcohol and (JONES and AMSTELL), 1316.
C_6H_{14} Hexane, action of fuming sulphuric acid on (BURKHARDT), 2387.

6 II

C_6H_6O Phenol, equilibrium of silver nitrate, water, and (BAILEY), 1534.
C_6H_7N Aniline, action of stannic iodide with (COOPER and WARDLAW), 1145.
$C_6H_8O_4$ Methyl maleate, conversion of, into methyl fumarate (CLEMO and GRAHAM), 215.
$C_6H_{10}Br_2$ βε-Dibromo-Δγ-hexene (FARMER, LAWRENCE, and SCOTT), 515.
$C_6H_{10}Br_4$ αβγδ-Tetrabromo-βγ-dimethylbutane (POPE and KIPPING), 2592.
$C_6H_{12}O$ *cyclo*Hexanol, equilibrium of water and (SIDGWICK and SUTTON), 1323.
$C_6H_{12}O_4$ Digitoxose (SMITH), 510.
$C_6H_{14}O_3$ α-Propyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2544.

6 III

$C_6H_3OCl_3$ 2:3:4-Trichlorophenol (HODGSON and KERSHAW), 1421.
$C_6H_3OBr_3$ 2:4:5-Tribromophenol (HENLEY and TURNER), 933.
$C_6H_3O_7N_3$ Picric acid, cuprammine salts (KING), 2312.
$C_6H_4OBr_2$ Dibromophenols (HENLEY and TURNER), 938.
C_6H_5OCl *m*-Chlorophenol, sulphonation of (HODGSON and KERSHAW), 1419.
C_6H_5OBr *m*-Bromophenol, nitrosation of (HODGSON and KERSHAW), 967.
C_6H_7OB Phenylboric acid, oxidation and nitration of (AINLEY and CHALLENGER), 2171.
$C_6H_5O_2N$ Nitrobenzene, partition of hydrochloric acid between water and (WYNNE-JONES), 1066.
$C_6H_6O_2N_2$ *o*-Nitroaniline, polymorphism of (DIPPY and HARTSHORNE), 725.
Nitroanilines, ionisation constants of (WILLIAMS and SOPER), 2469.
C_6H_6NCl Chloroanilines, ionisation constants of (WILLIAMS and SOPER), 2469.
$C_6H_5O_4N_3$ 5(4)-Nitro-4(5)-carbethoxyaminoglyoxaline (BALABAN), 272.
C_6H_9ON 4-Cyanotetrahydropyran (GIBSON and JOHNSON), 2529.
$C_6H_9O_2N_3$ 4(5)-Carbethoxyaminoglyoxaline, and its salts (BALABAN), 271.
$C_6H_9O_2Cl$ Tetrahydropyran-4-carboxylic chloride (GIBSON and JOHNSON), 2527.
$C_6H_{11}O_2N$ Tetrahydropyran-4-carboxyamide (GIBSON and JOHNSON), 2528.

$C_6H_{11}Cl_3Si$ *cyclo*Hexylsilicon trichloride (PALMER and KIPPING), 1024.
$C_6H_{12}OS_3$ Trithioacetaldehyde sulphoxides (CHATTAWAY and KELLETT), 1354.
$C_6H_{12}O_2Br_2$ $a\delta$-Dibromo-$\beta\gamma$-dihydroxy-$\beta\gamma$-dimethylbutane (FARMER, LAWRENCE, and SCOTT), 521.
$\beta\epsilon$-Dibromohexane-$\gamma\delta$-diol (FARMER, LAWRENCE, and SCOTT), 516.
$C_6H_{12}O_2S_3$ Trithioacetaldehyde sulphones (CHATTAWAY and KELLETT), 1354.
$C_6H_{12}O_2Si$ *cyclo*Hexylsiliconic acid (PALMER and KIPPING), 1024.
$C_6H_{12}O_6S_2$ $\beta\gamma$-Dimethylbutylenedisulphonic acid, and its salts (POPE and KIPPING), 2592.
$C_6H_{13}ON_3$ Methylethylacetaldehyde semicarbazone (LINSTEAD and MANN), 2070.
$C_6H_{13}O_3N$ α- and γ-Nitrohexan-β-ols, and their sodium salts (JONES and KENNER), 927.
$C_6H_{13}O_4N$ β-Nitro-β-hydroxymethylamyl alcohol (JONES and KENNER), 926.
$C_6H_{14}Cl_2Pd$ Diethylthiolethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1671.
$C_6H_{14}I_2Hg$ Diethylthiolethanemercuric iodide (BENNETT, MOSSES, and STATHAM), 1671.

6 IV

$C_6HO_2Cl_2F$ 3-Fluoro-2:6-dichloro-*p*-benzoquinone (HODGSON and NIXON), 1871.
$C_6HO_2Br_2F$ 3-Fluoro-2:6-dibromo-*p*-benzoquinone (HODGSON and NIXON), 1871.
$C_6HO_2I_2F$ 3-Fluoro-2:6-di-iodo-*p*-benzoquinone (HODGSON and NIXON), 1871.
$C_6H_2OCl_2Br_2$ 2:5-Dichloro-4:6-dibromophenol (FOX and TURNER), 1860.
$C_6H_2OCl_3Br$ Trichloro-6-bromophenols (FOX and TURNER), 1863.
$C_6H_2OCl_3F$ 3-Fluoro-2:4:6-trichlorophenol (HODGSON and NIXON), 1870.
$C_6H_2OBr_3F$ 3-Fluoro-2:4:6-tribromophenol (HODGSON and NIXON), 1871.
$C_6H_2OI_3F$ 3-Fluoro-2:4:6-tri-iodophenol (HODGSON and NIXON), 1871.
$C_6H_3OClBr_2$ 4-Chloro-2:6-dibromophenol (FOX and TURNER), 1861.
$C_6H_3OCl_2F$ 4-Fluoro-2:6-dichlorophenol (HODGSON and NIXON), 1868.
$C_6H_3OBr_2F$ 4-Fluoro-2:6-dibromophenol (HODGSON and NIXON), 1036.
$C_6H_3OI_2F$ 4-Fluoro-2:6-di-iodophenol (HODGSON and NIXON), 1869.
$C_6H_3O_3NBr_2$ 2:4-Dibromo-5-nitrophenol (HENLEY and TURNER), 933.
$C_6H_3O_4Cl_3S$ 2:3:4-Trichlorophenol-6-sulphonic acid, barium salt (HODGSON and KERSHAW), 1421.
$C_6H_4O_3NBr$ 2-Bromo-5-nitrophenol (HENLEY and TURNER), 938.
$C_6H_4O_5Cl_2S$ Dichloroquinolsulphonic acids, barium salts (DODGSON), 2501.
$C_6H_4O_7Cl_2S_2$ 2:3-Dichlorophenol-4:6-disulphonic acid, barium salt (HODGSON and KERSHAW), 1423.
$C_6H_4NCl_2B$ 2:5-Dichloro-4-bromoaniline (FOX and TURNER), 1859.
$C_6H_5O_3SAs$ 2 Sulphinophenylarsenious oxide, and its silver salt (BARBER), 2052.
$C_6H_5O_4N_2S$ Benzenediazonium sulphate, decomposition of, by aliphatic alcohols (HODGSON and KERSHAW), 2784.
$C_6H_5O_4ClS$ 3-Chlorophenol-6-sulphonic acid, and its salts (DODGSON and KERSHAW), 1420.
$C_6H_5O_5ClS$ Chloroquinolsulphonic acid, barium salt (DODGSON), 2501.
$C_6H_5O_7ClS_2$ 3-Chlorophenol-4:6-disulphonic acid, barium salt (HODGSON and KERSHAW), 1423.
$C_6H_6O_3N_2S$ Diazobenzene-*p*-sulphonic acid, sodium salt, colour reactions of, with thiolglyoxalines (HUNTER), 2343.
$C_6H_6O_4NB$ *m*-Nitrophenylboric acid (AINLEY and CHALLENGER), 2177.
$C_6H_6O_6NAs$ 2-Nitro-5-hydroxyphenylarsinic acid (PHILLIPS), 1915.
$C_6H_7O_6SAs$ Sulphophenylarsinic acids (BARBER), 2049.
$C_6H_7O_7SAs$ 3-Sulpho-4-hydroxyphenylarsinic acid (BARBER), 2050.

$C_6H_7O_6SAs$ 5-Sulpho-2:4-dihydroxyphenylarsinic acid (BARBER), 2050.
$C_6H_8NCl_4I$ 1-Methylpyridine tetrachloroiodide (CHATTAWAY and PARKES), 1004.
$C_6H_9O_2N_3S$ *l*-2-Thiolhistidine, and its salts (ASHLEY and HARINGTON), 2588.
$C_6H_{10}O_4Cl_2S_2$ $\beta\gamma$-Dimethylbutylene disulphonyl chloride (POPE and KIPPING), 2592.
$C_6H_{11}O_4SNa$ Sodium *cyclo*hexyl sulphate (BURKHARDT), 2398.
$C_6H_{12}N_4Cl_4I$ Hexamethylenetetramine tetrachloroiodide (CHATTAWAY and PARKES), 1004.
$C_6H_{15}I_3SHg$ Triethylsulphonium mercuri-iodide (BALFE, KENYON, and PHILLIPS), 2561.
$C_6H_{15}I_5SHg_2$ Triethylsulphonium dimercuripentaiodide (BALFE, KENYON, and PHILLIPS), 2562.
$C_6H_{16}Cl_2S_2Pt$ Dichlorobis(methyl ethyl sulphide)platinum (MANN), 1750.
$C_6H_{18}N_2BrAu$ Ethylenediaminodiethylgold bromide (GIBSON and SIMONSEN), 2535.
$C_6H_{18}N_2IAu$ Ethylenediaminodiethylgold iodide (GIBSON and SIMONSEN), 2536.

6 V

$C_6H_2O_2NCl_2Br$ 1:4-Dichloro-2-bromo-5-nitrobenzene (FOX and TURNER), 1859.
$C_6H_2O_3NClBr_2$ 4-Chloro-2:6-dibromo-3-nitrophenol (FOX and TURNER), 1861.
$C_6H_2O_3NCl_2Br$ 2:4-Dichloro-6-bromonitrophenols (FOX and TURNER), 1862.
$C_6H_2O_3NI_2F$ 3-Fluoro-2:4-di-iodo-6-nitrophenol (HODGSON and NIXON), 1872.
$C_6H_3O_3NClBr$ 2-Chloro-4-bromo-5-nitrophenol (FOX and TURNER), 1860.
$C_6H_3O_4ClBr_2S$ 3-Chloro-2:4-dibromo-6-sulphonic acid, salts (HODGSON and KERSHAW), 1421.
$C_6H_3O_4ClI_2S$ 3-Chloro-2:4-di-iodophenol-6-sulphonic acid, and its barium salt (HODGSON and KERSHAW), 1422.
$C_6H_3O_8N_2ClS$ 3-Chloro-2:4- and -2:6-dinitrophenol-4-sulphonic acids, potassium salts (HODGSON and KERSHAW), 2170.
$C_6H_4O_2Cl_3SAs$ Benzenesulphonyl chloride *p*-dichloroarsine (GOUGH and KING), 693.
$C_6H_4O_3ClSAs$ Benzenesulphonyl chloride *p*-arsenious oxide (GOUGH and KING), 693.
2-Chlorosulphonylphenylarsenious oxide (BARBER), 2051.
$C_6H_4O_6NClS$ 3-Chloro-2- and -6-nitrophenol-4-sulphonic acids, potassium salts (HODGSON and KERSHAW), 2172.
$C_6H_4O_7ClBrS_2$ 3-Chloro-2-bromophenol-4:6-disulphonic acid, barium salt (HODGSON and KERSHAW), 1424.
$C_6H_4O_7ClIS_2$ 3-Chloro-2-iodophenol-4:6-disulphonic acid (HODGSON and KERSHAW), 1424.
$C_6H_5O_3Cl_2SAs$ 2-Chlorosulphonylphenylchlorohydroxyarsine (BARBER), 2051.
$C_6H_6O_3NSAs$ Benzenesulphonamide-*p*-arsenious oxide (GOUGH and KING), 693.
$C_6H_6O_6ClSAs$ 2-Chlorosulphonylphenylarsinic acid (BARBER), 2052.
$C_6H_7O_3NIAs$ 2-Iodo-5-aminophenylarsinic acid (BARBER), 2051.
$C_6H_8O_6NSAs$ Benzenesulphonamide-*p*-arsinic acid (GOUGH and KING), 694.
2 Sulphonamidophenylarsinic acid (BARBER), 2052.
$C_6H_8O_6NSAs$ 2-Sulpho-5-aminophenylarsinic acid (BARBER), 2051.

6 VI

$C_6H_4O_2NCl_2SAs$ Benzenesulphonamide-*p*-dichloroarsine (GOUGH and KING), 693.

C_7 Group.

C_7H_{12} Methylene*cyclo*hexene (LINSTEAD), 1608.

7 II

C_7H_6O Benzaldehyde, inhibition by sulphur of oxidation of (Bailey), 104.

$C_7H_6O_7$ Arabinose dicarbonate (Haworth and Porter), 156.

$C_7H_8N_4$ 6-Amino-1-methyl-1:2:3-benztriazole (Brady and Reynolds), 2673.

$C_7H_{12}O_2$ Butylideneacetones (Eccott and Linstead), 905.

Methylhexenoic acids (Linstead and Mann), 2071.

$C_7H_{12}O_3$ Methyl tetrahydropyran-4-carboxylate (Gibson and Johnson), 2527.

$C_7H_{13}I$ 4-Methyl*cyclo*hexyl iodide (Vogel and Oommen), 771.

$C_7H_{14}O_2$ Heptoic acid, heat of association of (Fenton and Garner), 694; (Dohse and Dunkel), 2409.

$C_7H_{14}O_6$ α-Methylmannofuranoside (Haworth and Porter), 649; (Haworth, Hirst, and Webb), 651.

β-Methylmannopyranoside (Bott, Haworth, and Hirst), 2656.

$C_7H_{14}N_2$ α-Diethylaminopropionitrile, and its picrate (Cocker, Lapworth, and Walton), 453.

$C_7H_{16}O_3$ α-Butyl glyceryl ether (Davies, Heilbron, and Owens), 2545.

7 III

$C_7H_3O_3N_3$ Nitroformaldehyde phenylhydrazone (Jones and Kenner), 925.

$C_7H_4O_2S_2$ 3:5-Disulphidobenzoic acid (Bell and Bennett), 4.

$C_7H_4O_3Br_2$ 3:5-Dibromoresorcylaldehyde (Henry and Sharp), 2283.

$C_7H_4O_3I_2$ 3:5-Di-iodoresorcylaldehyde (Henry and Sharp), 2283.

$C_7H_5OCl_3$ 2:3:4-Trichloroanisole (Hodgson and Kershaw), 1421.

$C_7H_5O_4N$ Nitrobenzoic acids, cupric and cuprammine salts of (King), 2312.

6-Nitrosalicylaldehyde (Ashley, Perkin, and Robinson), 394.

$C_7H_6O_2N_4$ 6-Nitro-1-methyl-1:2:3-benztriazole (Brady and Reynolds), 2672.

$C_7H_6O_4N_2$ 2:3-Dinitrotoluene, action of precipitated mercuric oxide on sodium hydroxide suspensions of (Hodgson and Smith), 2035.

$C_7H_6O_5N_2$ 3:5-Dinitro-*p*-cresol, preparation of (Hodgson and Smith), 2035.

$C_7H_6O_6S$ 4-Sulpho-3-hydroxybenzoic acid (+ H_2O), and its salts (Shah), 1293.

C_7H_7ON Benzamide, preparation of (Kao and Ma), 2788.

C_7H_7OTl Thallous benzyloxide (Sidgwick and Sutton), 1463.

$C_7H_7O_4As$ *m*-Benzarsinous acid (Gough and King), 685.

$C_7H_7O_5As$ Salicylic acid 5-arsinous acid (Gough and King), 687.

$C_7H_7O_6As$ Salicylic acid 5-arsinic acid (Gough and King), 686.

$C_7H_8O_5S$ Toluquinolsulphonic acid, barium salt (Dodgson), 2501.

$C_7H_8NBr_5$ 3:5-Dibromo-*p*-toluidine perbromide (Chattaway and Adamson), 162.

$C_7H_9O_3N$ 4-Cyanotetrahydropyran-4-carboxylic acid (Gibson and Johnson), 2528.

$C_7H_{10}O_2N_2$ 4-Cyanotetrahydropyran-4-carboxyamide (Gibson and Johnson), 2529.

7 IV

C_7HNBr_4S 3:4:5:6-Tetrabromobenzthiazole (Hunter), 132.

$C_7H_3O_5N_2Br_3$ 2:4:6-Tribromo-3:5-dinitroanisole (Hodgson and Nixon), 1087.

$C_7H_4OCl_3F$ 3-Fluoro-2:4:6-trichloroanisole (Hodgson and Nixon), 1870.

$C_7H_4OCl_3As$ Benzoyl chloride *m*-dichloroarsine (Gough and King), 685.

$C_7H_4OBr_3F$ 3-Fluoro-2:4:6-tribromoanisole (Hodgson and Nixon), 1871.

$C_7H_4OI_3F$ 3-Fluoro-2:4:6-tri-iodoanisole (Hodgson and Nixon), 1871.

$C_7H_4O_3Cl_2Hg_2$ 3:5-Dichloromercuriresorcylaldehyde (Henry and Sharp), 2283.

$C_7H_4O_7N_3F$ 3-Fluoro-2:4:6-trinitroanisole (Hodgson and Nixon), 1871.

C_7H_4NClS Chlorophenyl thiocyanates (Challenger, Higginbottom, and Huntington), 28.

C_7H_4NBrS *o*-Bromophenyl thiocyanate (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 30.

C_7H_4NIS *p*-Iodophenyl thiocyanate (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 32.

$C_7H_5OCl_2F$ 4-Fluoro-2:6-dichloroanisole (HODGSON and NIXON), 1868.

$C_7H_5OBr_2F$ 4-Fluoro-2:6-dibromoanisole (HODGSON and NIXON), 1086.

$C_7H_5OI_2F$ 4-Fluoro-2:6-di-iodoanisole (HODGSON and NIXON), 1869.

$C_7H_5O_2N_2S$ 5-Nitro-1-aminobenzthiazole (HUNTER and JONES), 2203.

$C_7H_5O_2Cl_2As$ Benzoic acid *m*-dichloroarsine (GOUGH and KING), 685.

$C_7H_5O_3Cl_2As$ Salicylic acid 5-dichloroarsine (GOUGH and KING), 687.

$C_7H_5O_4N_2Br$ 3-Bromo-4:6-dinitrotoluene (BRADY and WALLER), 1221.

$C_7H_5NBr_2S$ Benzthiazole dibromide (HUNTER), 131.

$C_7H_5NBr_4S$ Benzthiazole tetrabromide (HUNTER), 132.

$C_7H_5NBr_4S_2$ 1-Thiolbenzthiazole tetrabromide (HUNTER), 138.

$C_7H_6O_2NBr$ 3-Bromobenzoquinone-4-oxime methyl ether (HODGSON and KERSHAW), 968.

3-Bromo-4-nitrosoanisole (HODGSON and KERSHAW), 968.

$C_7H_6O_2NI$ 3-Iodobenzoquinone-4-oxime methyl ether (HODGSON and KERSHAW), 1970.

3-Iodo-4-nitrosoanisole (HODGSON and KERSHAW), 1970.

$C_7H_6O_2NAs$ Benzamide-*m*- and -*p*-arsenious oxides (GOUGH and KING), 681, 685.

$C_7H_6O_3N_2S$ Benziminazole-2-sulphonic acid (EVERETT), 2408.

$C_7H_6N_2Br_2S$ 1-Aminobenzthiazole dibromide (HUNTER), 133.

$C_7H_6N_2Br_4S$ 1-Aminobenzthiazole tetrabromide (HUNTER), 133.

$C_7H_7O_2NSe$ Nitrophenyl methyl selenide (BAKER and MOFFITT), 1727.

$C_7H_7O_3N_2Sb$ *m*-Carbamidophenylstibinic acid, and its sodium salt (MORGAN and COOK), 739.

$C_7H_7N_2Br_2S$ 1-Aminobenzthiazole hydrodibromide (HUNTER), 133.

$C_7H_8O_4NAs$ Benzamide-*m*- and -*p*-arsinic acids (GOUGH and KING), 682, 685.

$C_7H_8O_6NAs$ Salicylamide-5-arsinic acid (GOUGH and KING), 689.

$C_7H_8O_6NAs$ 5-Nitro-2-methoxyphenylarsinic acid (PHILLIPS), 1915.

$C_7H_9O_5N_2As$ 4-Nitro-3-methylaminophenylarsinic acid (PHILLIPS), 2401.

$C_7H_9O_5SAs$ Methylsulphonylphenylarsinic acids (BARBER), 2050.

$C_7H_{10}O_4NAs$ 5-Amino-2-methoxyphenylarsinic acid (PHILLIPS), 1916.

$C_7H_{10}NCl_4I$ 1:2-Dimethylpyridine tetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_7H_{12}NIS$ 2:4-Dimethylthiazole ethiodide (FISHER and HAMER), 2509.

7 V

$C_7H_3O_2N_2ClS$ Chloronitrophenyl thiocyanates (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 28.

$C_7H_3O_2N_2BrS$ Bromonitrophenyl thiocyanates (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 30.

$C_7H_3O_3NBr_3F$ 3-Fluoro-2:4:6-tribromo-5-nitroanisole (HODGSON and NIXON), 1872.

C_7H_4ONBrS 5-Bromo-1-hydroxybenzthiazole (HUNTER), 136.

$C_7H_4O_3NI_2F$ 3-Fluoro-2:4-di-iodo-6-nitroanisole (HODGSON and NIXON), 1872.

$C_7H_4NCl_2IS$ *p*-Dichloroiodophenyl thiocyanate (CHALLENGER, HIGGINBOTTOM, and HUNTINGTON), 32.

$C_7H_3O_3NIF$ 4-Fluoro-6-iodo-2-nitroanisole (HODGSON and NIXON), 1869.

$C_7H_6O_5N_2SAs$ 3-Nitro-4-thiocyanophenylarsinic acid (BARBER), 2728.

$C_7H_6ONCl_2As$ Benzamide-*m*-dichloroarsine (GOUGH and KING), 685.

$C_7H_6O_3NSAs$ Thiocyanophenylarsinic acids (BARBER), 2727.

$C_7H_7O_3N_2Cl_4Sb$ 3-Nitro-4-methylaminophenylstibinic chloride (MORGAN and COOK), 743.

$C_7H_7O_6N_2SAs$ 2-Sulphobenziminazole-5-arsinic acid (EVERETT), 2406.

C_8 Group.

$C_8H_6N_4$ α-Benzbisiminazole (PHILLIPS), 1415.

$C_8H_8O_3$ *r*-Mandelic acid, magnesium salt, stability of (FINDLAY and CAMPBELL), 2721.

$C_8H_8O_4$ 2:5-Dihydroxy-4-methoxybenzaldehyde (HEAD and ROBERTSON), 2441.

3-*O*-Methylgallaldehyde (BRADLEY, ROBINSON, and SCHWARZENBACH), 811.

$C_8H_8O_5$ 3-*O*-Methylgallic acid (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.

$C_8H_8O_8$ Fructose dicarbonate (HAWORTH and PORTER), 155.

Galactose dicarbonate (HAWORTH and PORTER), 154.

Glucose dicarbonate (HAWORTH and PORTER), 154.

Mannose dicarbonate (HAWORTH and PORTER), 154.

$C_8H_{10}O_2$ 6-Methoxy-*o*-cresol (JONES and ROBERTSON), 1704.

Resorcinol ethyl ether, nitrosation of (HODGSON and CLAY), 963.

$C_8H_{10}O_3$ 3:4-Dimethoxyphenol (HEAD and ROBERTSON), 2440.

Substance, from dehydroangustione and potassium hypobromite (GIBSON, PENFOLD, and SIMONSEN), 1200.

$C_8H_{10}N_4$ 7-Amino-3:5-dimethyl-1:2:3-benztriazole (BRADY and REYNOLDS), 2673.

5:6-Diamino-2-methylbenziminazole, and its dihydrochloride (PHILLIPS), 1414.

$C_8H_{11}N$ Dimethylaniline, picrate of (HODGSON and KERSHAW), 280.

$C_8H_{12}O_4$ γ-Methyl-γ-ethylaticonic acid (LINSTEAD and MANN), 2067.

γ-Methyl-γ-ethylitaconic acid (LINSTEAD and MANN), 2067.

γ-Methyl-γ-ethylparaconic acid (LINSTEAD and MANN), 2068.

$C_8H_{12}N_2$ *o*-Aminodimethylaniline, and its salts (HODGSON and KERSHAW), 501.

$C_8H_{14}O_2$ *n*-Octoic acid, potassium salt, partial specific volume of, in aqueous solution (DAVIES and BURY), 2263.

$C_8H_{14}O_3$ Ethyl tetrahydropyran-4-carboxylate (GIBSON and JOHNSON), 2527.

$C_8H_{14}O_4$ *l*-αα'γ-Trimethylglutaric acid (GIBSON, PENFOLD, and SIMONSEN), 1200.

$C_8H_{14}O_5$ Trimethyl γ-lyxonolactone (BOTT, HIRST, and SMITH), 666.

$C_8H_{15}N$ Di*iso*propylacetonitrile (MARSHALL), 2758.

$C_8H_{16}O$ α-*iso*Amylallyl alcohol (BURTON), 251.

$C_8H_{16}O_2$ Di*iso*propylacetic acid, and its silver salt (MARSHALL), 2760.

$C_8H_{16}O_5$ Trimethyl lyxofuranose (BOTT, HIRST, and SMITH), 665.

$C_8H_{18}Te$ Di-*n*-butyl telluride (BURSTALL and SUGDEN), 233.

8 III

$C_8H_3O_6N_3$ 5:7-Dinitroisatin (MENON, PERKIN, and ROBINSON), 839.

C_8H_5ON Benzonitrile, latent heat of evaporation of (PHILIP and WATERTON), 2783.

$C_8H_5O_3Cl$ 3-Chloro-α-hydroxyphthalide (LEVY and STEPHEN), 2788.

$C_8H_6ON_2$ Nitro-1-methylbenzoxazoles (PHILLIPS), 2687.

$C_8H_6OBr_2$ 3:ω-Dibromoacetophenone (ELSON, GIBSON, and JOHNSON), 1132.

$C_8H_6O_3Hg$ 2:5-Anhydro-5-hydroxymercuri-2-hydroxy-3-methoxybenzaldehyde (HENRY and SHARP), 2288.

$C_8H_6O_4N_2$ Nitromethylbenzoxazolones (BALABAN), 2351.

C_8H_7ON *p*-Methoxyphenyl *iso*cyanide (HAMMICK, NEW, SIDGWICK, and SUTTON), 1877.

1-Methylbenzoxazole, and its hydrochloride (PHILLIPS), 2687.

C_8H_7OBr Bromoacetophenones (ELSON, GIBSON, and JOHNSON), 1131.

$C_8H_7O_2Cl$ 3-Chloro-*o*-toluic acid (Levy and Stephen), 2788.

$C_8H_7O_3Cl$ 2-Chloro-3-methoxybenzoic acid (Hodgson and Rosenberg), 17.

$C_8H_7O_3Br$ 3-Bromo-2-hydroxy-4-methoxybenzaldehyde (Henry and Sharp), 2286.

6-Bromo*iso*vanillin (Henry and Sharp), 2285.

$C_8H_7O_3Tl$ Thallous *o*-vanillin (Sidgwick and Sutton), 1463.

$C_8H_7O_4N$ 6-Nitrosalicylaldehyde methyl ether (Ashley, Perkin, and Robinson), 395.

$C_8H_7O_5N_3$ Dinitronitrosoethylbenzenes (Day), 255.

$C_8H_7O_6N_3$ Trinitroethylbenzenes (Day), 254.

$C_8H_8ON_2$ Amino-1-methylbenzoxazoles (Phillips), 2688.

$C_8H_8O_2N_4$ Nitroamino-2-methylbenziminazole, and its hydrochloride (Phillips), 1413.

7-Nitro-3:5-dimethyl-1:2:3-benztriazole (Brady and Reynolds), 2673.

$C_8H_8O_3S$ 4-Thiol-3-methoxybenzoic acid (Shah), 1298.

$C_8H_8O_4N$ 2-Nitro-5-acetamidophenol (Phillips), 1913.

$C_8H_8O_5N_2$ Dinitro-*m*-4-xylenols (Fox and Turner), 1866.

$C_8H_8O_6S$ 4-Sulpho-3-methoxybenzoic acid, $(+ 2H_2O)$ and its salts (Shah), 1296.

$C_8H_9O_3N_3$ ω-Nitroacetaldehyde phenylhydrazone (Jones and Kenner), 924.

p-Nitrophenylacetamidine, salts of (Forsyth and Pyman), 400.

$C_8H_9O_3N$ 2-Nitro-6-methoxytoluene (Jones and Robertson), 1703.

$C_8H_9O_3N_3$ Nitro-2-aminoacetanilides (Phillips), 1412.

ω-Nitroglycollaldehyde phenylhydrazones (Jones and Kenner), 924.

$C_8H_9O_6As$ Methyl salicylate-5-arsinic acid (Gough and King), 687.

$C_8H_{10}OS$ 4-Thiol-3-methoxytoluene (Shah and Bhatt), 1300.

$C_8H_{10}O_2N_2$ Aminoacetamidophenols, and their hydrochlorides (Phillips), 2689.

Nitrodimethylanilines, and their picrates (Hodgson and Kershaw), 280, 500.

$C_8H_{10}O_4N_4$ Dinitrohydrazinoethylbenzenes (Day), 255.

$C_8H_{10}O_5S$ *p*-Xyloquinolsulphonic acid, barium salt (Dodgson), 2501.

$C_8H_{10}NBr$ 5-Bromo-4-amino-*o*-xylene (Mills and Nixon), 2524.

$C_8H_{11}ON$ 6-Amino-*p*-2-xylenol (Robertson and Stephenson), 316.

β-Hydroxyphenylethylamine, and its salts (Read and Campbell), 2683.

$C_8H_{11}OS$ Phenyldimethylsulphonium hydroxide, picrate of (Baker and Moffitt), 1725.

$C_8H_{11}OSe$ Phenyldimethylselenonium hydroxide, picrate of (Baker and Moffitt), 1725.

$C_8H_{11}N_2Cl$ 3-Chloro-6-aminodimethylaniline, and its salts (Hodgson and Kershaw), 501.

$C_8H_{11}N_2Br$ 3-Bromo-6-aminodimethylaniline, and its picrate (Hodgson and Kershaw), 501.

$C_8H_{11}N_2I$ 3-Iodo-6-aminodimethylaniline, and its salts (Hodgson and Kershaw), 501.

$C_8H_{15}ON_3$ Butylideneacetone semicarbazones (Eccott and Linstead), 912.

Δ^δ-Hepten-β-one semicarbazone (Eccott and Linstead), 914.

ε-Methyl-Δ^δ-hexen-β-one semicarbazone (Eccott and Linstead), 918.

$C_8H_{15}O_6N$ *d*-Erythroseimine (Deulofeu), 2604.

$C_8H_{16}O_6N_2$ *d*-Erythrose diacetamide (Deulofeu), 2603.

$C_8H_{17}ON$ Di*iso*propylacetamide (Marshall), 2759.

$C_8H_{17}ON_3$ Methyl β-methylbutyl ketone semicarbazone (Davies, Dixon, and Jones), 471.

$C_8H_{20}NI$ Tetraethylammonium iodide, electrical conductivity of solutions of, in benzonitrile (Martin), 530.

8 IV

$C_8H_4O_3Br_2S$ 2:2-Dibromo-3-keto-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.

$C_8H_5O_3BrS$ 2-Bromo-3-keto-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.

$C_8H_5O_6N_2Cl$ 3:5-Dinitro-2-methoxybenzoyl chloride (ASHLEY, PERKIN, and ROBINSON), 380.

$C_8H_6O_3NBr$ 5-Bromo-2-nitroacetophenone (ELSON, GIBSON, and JOHNSON), 1132.

$C_8H_6O_4NCl$ 3-Nitroanisyl chloride (ASHLEY, PERKIN, and ROBINSON), 393.

$C_8H_6O_4Cl_2S$ 4-Chlorosulphonyl-3-methoxybenzoyl chloride (SHAH), 1297.

C_8H_6NClS 1-Chloro-5-methylbenzthiazole (HUNTER and JONES), 2207.

C_8H_6NBrS *m*-Bromo-*p*-tolylthiocarbamide (HUNTER and JONES), 2200.

$C_8H_7O_2N_2Cl$ 4-Chloro*iso*phthalamide (GOUGH and KING), 690.

$C_8H_7O_2N_3S$ 5-Nitro-1-imino-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2204.

5-Nitro-1-methylaminobenzthiazole (HUNTER and JONES), 2204.

$C_8H_7O_3ClHg$ 3-Chloromercuri-2-hydroxy-5-methoxybenzaldehyde (HENRY and SHARP), 2287.

Chloromercuri*iso*vanillin (HENRY and SHARP), 2284.

$C_8H_7O_3Cl_2As$ Methyl-5-dichloroarsine (GOUGH and KING), 688.

$C_8H_7O_3BrHg$ Bromomercuri*iso*vanillin (HENRY and SHARP), 2284.

$C_8H_7O_5ClS$ 4-Chlorosulphonyl-3-methoxybenzoic acid (SHAH), 1297.

$C_8H_7NBr_4S_2$ 1-Thiol-2-methyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 141.

$C_8H_7N_2ClS$ 5-Chloro-1-methylaminobenzthiazole (HUNTER and JONES), 2203.

$C_8H_7N_2BrS$ 5-Bromo-1-imino-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.

C_8H_8ONCl *N*-Chloroacetanilide, conversion of, into *p*-chloroacetanilide (BELTON), 116.

$C_8H_8O_3NCl$ 3-Chloronitrophenetoles (HODGSON and CLAY), 966.

$C_8H_8O_4NSb$ 3-Acetylamino-4-hydroxyphenylstibinic acid (MORGAN and COOK), 743.

$C_8H_8O_5NSb$ 3-Hydroxy-1:4-benz*iso*oxazine-6-stibinic acid (BALABAN), 1687.

$C_8H_8O_5N_2As$ Nitro-2-methylbenziminazolearsinic acid (PHILLIPS), 1414.

$C_8H_8O_6NAs$ *iso*Phthalamic acid 6-arsinic acid, and its ammonium salt (GOUGH and KING), 690.

$C_8H_8N_2Br_2S$ 5-Bromo-1-imino-2-methyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 140.

$C_8H_8N_2Br_4S$ 5-Bromo-1-imino-2-methyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER), 140.

C_8H_9ONS Thioform-*p*-anisidide (HAMMICK, NEW, SIDGWICK, and SUTTON), 1877.

$C_8H_9O_2N_2Cl$ 3-Chloro-6-nitrodimethylaniline, and its picrate (HODGSON and KERSHAW), 500.

$C_8H_9O_2N_2Br$ 3-Bromo-6-nitrodimethylaniline, and its picrate (HODGSON and KERSHAW), 500.

$C_8H_9O_2N_2I$ 3-Iodo-6-nitrodimethylaniline, and its picrate (HODGSON and KERSHAW), 500.

$C_8H_9O_2N_4Cl$ 6-Nitro-1:3-dimethyl-1:2:3-benztriazolinium chloride (BRADY and REYNOLDS), 2672.

$C_8H_9O_3N_2Sb$ *N*-Phenylglycineamide-*m*-stibinic acid, and its sodium salt (MORGAN and COOK), 740.

$C_8H_9O_4N_2Sb$ 3-Nitro-4-ethylaminophenylstibinic acid (MORGAN and COOK), 743.

$C_8H_9O_5NS$ 4-Sulphonamido-3-methoxybenzoic acid (SHAH), 1298.

$C_8H_9O_6N_2As$ 2-Nitro-5-acetamidophenylarsinic acid (PHILLIPS), 1914.

$C_8H_9N_2ClS$ *s*-*p*-Chlorophenylmethylthiocarbamide (HUNTER and JONES), 2203.
$C_8H_9N_2BrS$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 139.
$C_8H_9N_2Br_3S$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole hydrodibromide (HUNTER), 139.
$C_8H_9N_2Br_5S$ 1-Imino-2-methyl-1:2-dihydrobenzthiazole hydropentabromide (HUNTER), 139.
$C_8H_{10}O_3NS$ Nitrophenyldimethylsulphonium hydroxides, picrates of (BAKER and MOFFITT), 1725.
$C_8H_{10}O_3NAs$ Benzomethylamide-*m*- and -*p*-arsinous acids (GOUGH and KING), 682, 685.
$C_8H_{10}O_3NSe$ Nitrophenyldimethylselenonium hydroxides, picrates of (BAKER and MOFFITT), 1727.
$C_8H_{10}O_3N_2As$ Amino-2-methylbenziminazolearsinic acid (PHILLIPS), 1414.
$C_8H_{10}O_4NAs$ Benzomethylamide-*m*- and -*p*-arsinic acids (GOUGH and KING), 682, 686.
$C_8H_{10}O_4N_2S$ 4-Sulphonamido-3-methoxybenzamide (SHAH), 1298.
$C_8H_{10}O_5NSb$ 3-Acetamido-4-hydroxyphenylstibinic acid (BALABAN), 1685.
$C_8H_{11}O_4N_2As$ Aminoacetamidophenylarsinic acid (PHILLIPS), 1911.
$C_8H_{22}O_2S_2Pt$ Platinumbisdiethylsulphonium hydroxide, and its salts (ANGELL, DREW, and WARDLAW), 360.

8 V

C_8H_6ONBrS 5-Bromo-1-keto-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
$C_8H_6ON_2BrS$ 5-Bromo-1-nitrosoimino-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.
$C_8H_7ON_3Br_4S$ 1-Nitrosoimino-2-methyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 141.
$C_8H_9O_3N_2Cl_4Sb$ 3-Nitro-4-ethylaminophenylstibinic chloride (MORGAN and COOK), 743.
$C_8H_9O_4NIAs$ 2-Iodo-5-acetamidophenylarsinic acid (BARBER), 2051.

8 VI

$C_8H_{22}O_2N_2Cl_2S_2Pt$ Dichlorobis-(1:4-thiazan)platinum dihydrate (MANN), 1752.

C_9 Group.

C_9H_7N Quinoline, action of stannic iodide with (COOPER and WARDLAW), 1145.
$C_9H_8N_2$ 1-Phenylglyoxaline, and its nitrate (FORSYTH and PYMAN), 402.
$C_9H_8N_4$ α-2-Methylbenzbisiminazole (PHILLIPS), 1415.
$C_9H_{10}O_2$ 5:6-Dihydroxyhydrindene (MILLS and NIXON), 2522.
Phenylacetylcarbinol (HEY), 1233.
$C_9H_{10}O_3$ β-Orcylaldehyde (ROBERTSON and STEPHENSON), 316.
$C_9H_{10}O_4$ 2-Hydroxy-4:5-dimethoxybenzaldehyde (HEAD and ROBERTSON), 2440.
β-Orcinolcarboxylic acid (ROBERTSON and STEPHENSON), 317.
m-Xylorcinolcarboxylic acid (BOYCE, RANKINE, and ROBERTSON), 1216.
$C_9H_{10}O_8$ Methylmannofuranoside dicarbonate (HAWORTH and PORTER), 650.
$C_9H_{12}O_2$ Methoxymethyl benzyl ether (COCKER, LAPWORTH, and WALTON), 452.
6-Methoxy-*m*-4-xylenol (BOYCE, RANKINE, and ROBERTSON), 1217.
1:1:3-Trimethyl-Δ^3-*cyclo*hexene-4:6-dione (GIBSON, PENFOLD, and SIMONSEN), 1194.
$C_9H_{12}O_3$ 3-Methoxy-4-ethoxyphenol (HEAD and ROBERTSON), 2438.
4-Methoxy-3-ethoxyphenol (HEAD and ROBERTSON), 2443.
$C_9H_{13}N$ *p*-Amino-*n*-propylbenzene, and its salts (HICKINBOTTOM and WAINE), 1562.
Dimethyl-*p*-toluidine, and its salts (HODGSON and KERSHAW), 278.
dl-β-Phenyl*iso*propylamine, and its salts (HEY), 18.

$C_9H_{14}O_2$ 5-*n*-Propyldihydroresorcinol (Eccott and Linstead), 915.
1:1:3-Trimethyl*cyclo*hexane-4:6-dione (Gibson, Penfold, and Simonsen), 1196.
$C_9H_{14}N$ Phenyltrimethylamine, salts of (Zaki), 1084.
$C_9H_{14}N_2$ *p*-Aminophenyltrimethylamine, methosulphate of (Zaki), 1079.
$C_9H_{16}O_4$ Di*iso*propylmalonic acid, and its silver salt (Marshall), 2760.
$C_9H_{16}O_6$ Ethyl di(hydroxymethyl)malonate (Welch), 258.
$C_9H_{16}O_7$ Acetyl γ-methylmannoside (Bott, Haworth, and Hirst), 1401.
$C_9H_{18}O$ α-*n*-Hexylallyl alcohol (Burton), 251.
$C_9H_{18}O_5$ Trimethyl methyl-lyxofuranoside (Bott, Hirst, and Smith), 664.
$C_9H_{18}O_6$ Trimethyl α-mannosepyranose (Bott, Haworth, and Hirst), 1403.
$C_9H_{20}O$ Methylethyl-(β-methylbutyl)carbinol (Davies, Dixon, and Jones), 472.
$C_9H_{21}Sb$ Tri-*n*-propylstibine (Dyke, Davies, and Jones), 466.

9 III

$C_9H_4O_8N_4$ 3:6:8-Trinitro-2:4-dihydroxyquinoline (Ashley, Perkin, and Robinson), 389.
$C_9H_5O_6N_3$ Dinitrodihydroxyquinolines (Ashley, Perkin, and Robinson), 388.
$C_9H_7O_2N_3$ 1-*p*-Nitrophenylglyoxaline, and its hydrochloride (Forsyth and Pyman), 403.
$C_9H_7O_5N_3$ 6:8-Dinitrohydrocarbostyril (Menon, Perkin, and Robinson), 840.
$C_9H_7O_5N_5$ Dinitrohydrazinodeoxystrychol (Menon, Perkin, and Robinson), 841.
$C_9H_6OBr_2$ *o*:α-Dibromopropiophenone (Elson, Gibson, and Johnson), 1133.
$C_9H_8O_3Br_2$ 3:5-Dibromo-2:4-dimethoxybenzaldehyde (Henry and Sharp), 2283.
$C_9H_8O_6Hg_2$ Hydroxymercuriacetoxymercuri-3:4-dihydroxybenzaldehyde (Henry and Sharp), 2284.
C_9H_9OBr 6-Bromo-5-hydroxyhydrindene (Mills and Nixon), 2523.
Bromopropiophenones (Elson, Gibson, and Johnson), 1133.
$C_9H_9O_3Br$ 2-Bromo-3:4-dimethoxybenzaldehyde (Henry and Sharp), 2285.
$C_9H_9NS_2$ 1-Thiol-2-ethyl-1:2-dihydrobenzthiazole (Hunter), 145.
$C_9H_{10}O_2S_2$ 3:5-Dimethylthiolbenzoic acid, and its salts (Bell and Bennett), 4.
$C_9H_{10}O_2S$ 4-Methylthiol-3-methoxybenzoic acid (Shah), 1299.
$C_9H_{10}O_4S_2$ 3:5-Dimethylthiolbenzoic acid dioxides (Bell and Bennett), 4.
$C_9H_{10}O_3N_2$ 5-Nitro-2-carbethoxyaminophenol (Phillips), 2689.
$C_9H_{10}O_3S$ 3-Methoxybenzoic acid 4-methylsulphone (Shah), 1299.
$C_9H_{10}N_2S$ 1-Methylamino-5-methylbenzthiazole (Hunter and Jones), 2199.
2-Thiolphenyl-4:5-dihydroglyoxalines (McClelland and Warren), 1101.
$C_9H_{11}ON$ Aminopropiophenones (Elson, Gibson, and Johnson), 1132.
Benzyl methyl ketoxime (Hey), 19.
$C_9H_{11}O_2N$ Ethyl crotylidenecyanoacetate (Cawley, Evans, and Farmer), 530.
4-Methylphthalic anhydride, preparation of (Hayashi), 1515.
Phenylacetylcarbinol oxime (Hey), 1233.
$C_9H_{11}O_3Br$ 5-Bromo-1:1:3-trimethyl-Δ^5-*cyclo*hexene-4:6-dione (Gibson, Penfold, and Simonsen), 1194.
$C_9H_{11}O_3N_3$ 4-Nitro-2-acetamidomethylaniline (Phillips), 1415.
$C_9H_{11}O_4N_3$ Dinitromethylaminoethylbenzenes (Day), 256.
$C_9H_{11}N_3S$ 5-Amino-1-methylimino-2-ethyl-1:2-dihydrobenzthiazole (Hunter), 143.
$C_9H_{12}ON_4$ Aminoacetophenone semicarbazones (Elson, Gibson, and Johnson), 1130.
$C_9H_{12}OS$ 4-Methylthiol-3-methoxytoluene (Shah and Bhatt), 1301.
$C_9H_{12}O_2N_2$ Nitrodimethyl-*p*-toluidines, and their picrates (Hodgson and Kershaw), 279.

$C_9H_{12}O_3N_2$ 5-Amino-2-carbethoxyaminophenol (PHILLIPS), 2689.
$C_9H_{13}N_2S$ *p*-Tolylmethylthiocarbamides (HUNTER and JONES), 2199.
$C_9H_{13}ON$ Norephedrines (HEY), 1232.
$C_9H_{13}OS$ Benzyldimethylsulphonium hydroxide, picrate of (BAKER and MOFFITT), 1727.
$C_9H_{13}OSe$ Benzyldimethylselenonium hydroxide, picrate of (BAKER and MOFFITT), 1728.
$C_9H_{13}O_2N_2$ *m*-Nitrophenyltrimethylamine, salts of (ZAKI), 1084.
$C_9H_{13}O_3N$ Ethyl 4-cyanotetrahydropyran-4-carboxylate (GIBSON and JOHNSON), 2528.
$C_9H_{14}O_7S$ Ethyl di(hydroxymethyl)malonate sulphite (WELCH), 259.
$C_9H_{14}NBr$ *m*-Bromobenzyldimethylamine, and its picrate (STEVENS), 2111.
$C_9H_{15}ON$ Methyl-Δ^1-*cyclo*hexenylacetamides (KON and THAKUR), 2222.
Methyl*cyclo*hexylideneacetamides (KON and THAKUR), 2222.
$C_9H_{15}O_2N$ Di*iso*propylcyanoacetic acid, and its silver salt (MARSHALL), 2758.
$C_9H_{17}O_2Au$ Diethylgold acetylacetone (GIBSON and SIMONSEN), 2535.
$C_9H_{17}O_2N$ Di*iso*propylmalonamic acid, and its silver salt (MARSHALL), 2758.
$C_9H_{21}OSb$ Tri-*n*-propylstibinic oxide (DYKE and JONES), 1923.
$C_9H_{21}O_4Sb_3$ Tri-*n*-propylstibinic metantimonite (DYKE and JONES), 1923.
$C_9H_{21}Cl_2Sb$ Tri-*n*-propylstibinic chloride (DYKE and JONES), 1921.
$C_9H_{21}Br_2Sb$ Tri-*n*-propylstibinic bromide (DYKE and JONES), 1924.
$C_9H_{21}I_2Sb$ Tri-*n*-propylstibinic iodide (DYKE and JONES), 1921.
$C_9H_{21}SSb$ Tri-*n*-propylstibinic sulphide (DYKE and JONES), 1924.
$C_9H_{21}S_4Sb_3$ Tri-*n*-propylstibinic metathioantimonite (DYKE and JONES), 1924.

9 IV

$C_9H_7O_3N_3S$ 5-Nitro-1-acetamidobenzthiazole (HUNTER and JONES), 2203.
$C_9H_7NCl_5Sb$ Quinolylstibinic chloride hydrochlorides (MORGAN and COOK), 744.
$C_9H_8O_3NSb$ Quinolylstibinic acids, and their salts (MORGAN and COOK), 744.
$C_9H_8O_3N_2S$ 5-Nitro-1-keto-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
$C_9H_8O_3N_2Cl_3$ $\gamma\gamma\gamma$-Trichloro-α-nitropropan-β-ol phenylhydrazone (JONES and KENNER), 927.
$C_9H_8O_3N_4S$ 5-Nitro-1-nitrosoimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
$C_9H_8O_4N_4S$ Dinitroiminoethyldihydrobenzthiazole (HUNTER), 144.
C_9H_9ONS 1-Keto-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
$C_9H_9ON_3Br_2$ 3:ω-Dibromoacetophenone semicarbazone (ELSON, GIBSON, and JOHNSON), 1132.
$C_9H_9ON_3S$ 1-Nitrosoimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.
$C_9H_9O_2N_3S$ 5-Nitro-1-imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 143.
$C_9H_9O_3NI_2$ Di-iodohydroxyphenylalanines (DICKINSON and MARSHALL), 2292.
$C_9H_9O_3NCu$ Copper oximinopropiophenone (HEY), 21.
$C_9H_9N_2BrS$ 5-Bromo-1-imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 142.
3-Bromo-1-methylamino-5-methylbenzthiazole (HUNTER and JONES), 2200.
$C_9H_{10}ONCl$ Acetochlorobenzylamides (WILLIAMS), 44.
$C_9H_{10}ON_2Br$ Bromoacetophenone semicarbazones (ELSON, GIBSON, and JOHNSON), 1131.
$C_9H_{10}ON_2Br$ Bromohydroxyphenylalanines (DICKINSON and MARSHALL), 2291.
$C_9H_{10}O_3NAs$ Benzo-β-hydroxyethylamide-*p*-arsenious oxide (GOUGH and KING), 683.
$C_9H_{10}O_3N_2S_2$ 2-Phenyl-4:5-dihydroglyoxalinethiosulphonic acids (MCCLELLAND and WARREN), 2692.

$C_9H_{10}N_2Br_2S$ 5-Bromo-1-imino-2-ethyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 142.

$C_9H_{10}N_2Br_4S$ 5-Bromo-1-imino-2-ethyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER), 142.

$C_9H_{11}N_2BrS$ *s*-*m*-Bromo-*p*-tolylmethylthiocarbamide (HUNTER and JONES), 2200.

1-Imino-2-ethyl-1:2-dihydrobenzthiazole hydrobromide (HUNTER), 141.

$C_9H_{11}N_2Br_3S$ 1-Imino-2-ethyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER), 141.

$C_9H_{11}N_2Br_4S$ 1-Methylamino-5-methylbenzthiazole hydrotetrabromide (HUNTER and JONES), 2199.

$C_9H_{13}O_3NS$ Nitrobenzyldimethylsulphonium hydroxides, picrates of (BAKER and MOFFITT), 1728.

$C_9H_{12}O_3NAs$ Benzethylamide-*p*-arsinous acid (GOUGH and KING), 682.

$C_9H_{13}O_3NSe$ Nitrobenzyldimethylselenonium hydroxides, picrates of (BAKER and MOFFITT), 1728.

$C_9H_{12}O_4NAs$ Benzethylamide-*p*-arsinic acid (GOUGH and KING), 682.

Benzodimethylamide-*p*-arsinic acid (GOUGH and KING), 682.

$C_9H_{12}O_5NAs$ 5-Acetamido-2-methoxyphenylarsinic acid, and its sodium salt (PHILLIPS), 1916.

Benzo-β-hydroxyethylamide-*p*-arsinic acid (GOUGH and KING), 683.

$C_9H_{12}O_6NAs$ 4-Carbethoxyamino-3-hydroxyphenylarsinic acid (PHILLIPS), 2690.

$C_9H_{12}O_6N_4S$ 6-Nitro-1:3-dimethyl-1:2:3-benztriazolinium methyl sulphate (BRADY and REYNOLDS), 2672.

$C_9H_{13}O_2NS$ *p*-Toluenesulphondimethylamide (CLARKE, KENYON, and PHILLIPS), 1229.

$C_9H_{13}O_3NS_2$ Ethyl-*p*-toluenesulphonylsulphinamide (CLARKE, KENYON, and PHILLIPS), 1229.

$C_9H_{13}O_4N_2Sb$ *N*-Phenylglycinemethylamide-*m*-stibinic acid, sodium salt (MORGAN and COOK), 741.

$C_9H_{13}NClBr$ *p*-Bromobenzyldimethylamine hydrochloride (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.

$C_9H_{14}NCl_4I$ 1:2:4:6-Tetramethylpyridine tetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_9H_{14}NI_2Hg$ Phenyltrimethylammonium mercuritri-iodide (CAVELL and SUGDEN), 2578.

$C_9H_{15}NBrAu$ Pyridinodiethylgold bromide (GIBSON and SIMONSEN), 2535.

9 V

$C_9H_7O_3NCl_3As$ Hippuryl chloride *p*-dichloroarsine (GOUGH and KING), 684.

C_9H_8ONBrS 5-Bromo-1-ethoxybenzthiazole (HUNTER), 137.

5-Bromo-1-keto-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.

$C_9H_8ON_2BrS$ 5-Bromo-1-nitrosoimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 145.

$C_9H_8O_2N_2BrS$ 5-Bromo-3-nitro-1-imino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 147.

$C_9H_9ONBr_4S$ 1-Keto-2-ethyl-1:2-dihydrobenzthiazole tetrabromide (HUNTER), 145.

$C_9H_9ON_2ClS$ Acetyl-*p*-chlorophenylthiocarbamides (HUNTER and JONES), 2202.

$C_9H_9ON_2BrS$ Acetyl-*p*-bromophenylthiocarbamides (HUNTER and JONES), 2202.

$C_9H_9O_5N_2SAs$ 2-Carboxymethylthiolbenziminazole-5-arsinic acid (EVERETT), 2405.

$C_9H_{10}ONCl_2As$ Benzodimethylamide-*p*-dichloroarsine (GOUGH and KING), 682.

$C_9H_{10}ONBrS$ *p*-Bromophenylthiourethane (HUNTER), 137.

$C_9H_{10}O_4N_2SAs$ 2-Carbamylmethylthiolbenziminazole-5-arsinic acid (EVERETT), 2406.

C_{10} Group.

$C_{10}H_{16}$ α-Phellandrenes (READ and STOREY), 2781.

10 II

$C_{10}H_8N_2$ αα-Dipyridyl, determination of, as mercuri-iodide (MORGAN and BURSTALL), 2598.

$C_{10}H_9N$ α-Naphthylamine, methylation of (GOKHLÉ and MASON), 1757.

$C_{10}H_{10}O_3$ 4-Hydroxy-αα-dimethylphthalide (CAHN), 990.
Methylacetophenone-2-carboxylic acids (HEILBRON and WILKINSON), 2552.

$C_{10}H_{10}N_2$ 2-Phenyl-1-methylglyoxaline, nitrate of (FORSYTH and PYMAN), 398.

$C_{10}H_{12}O_2$ π-Butyrylphenols (COULTHARD, MARSHALL, and PYMAN), 286.
p-Methoxybenzyl methyl ketone (GOODALL and HAWORTH), 2487.

$C_{10}H_{12}O_3$ Acid, from oxidation of β-caryophyllene alcohol (BELL and HENDERSON), 1975.
2-Hydroxy-6-methoxy-3:5-dimethylbenzaldehyde (BOYCE, RANKINE, and ROBERTSON), 1217.
5-Propionylguaiacol (COULTHARD, MARSHALL, and PYMAN), 290.
Rhizonaldehyde (ROBERTSON and STEPHENSON), 318.

$C_{10}H_{12}O_4$ 2-Hydroxy-4-methoxy-5-ethoxybenzaldehyde (HEAD and ROBERTSON), 2438.
2-Hydroxy-5-methoxy-4-ethoxybenzaldehyde (HEAD and ROBERTSON), 2443.

$C_{10}H_{13}Br$ γ-Bromobutylbenzene (BREWIN and TURNER), 503.
γ-*o*-Tolylpropyl bromide (HARVEY, HEILBRON, and WILKINSON), 428.

$C_{10}H_{14}O_3$ Camphoric anhydride, action of substituted aromatic amines on (M. and R. SINGH), 1301.

$C_{10}H_{14}O_7$ Triacetyl erythrose (DEULOFEU), 2604.

$C_{10}H_{15}N$ *p*-Amino*iso*butylbenzene, and its salts (HICKINBOTTOM and PRESTON), 1570.

$C_{10}H_{16}O$ Piperitone (READ and STOREY), 2770.

$C_{10}H_{16}O_4$ Methyl*cyclo*hexyl-1-malonic acids (VOGEL and OOMMEN), 770.

$C_{10}H_{18}O$ Piperitols (READ and STOREY), 2779.

$C_{10}H_{18}O_2$ α-*iso*Amylallyl acetate (BURTON), 252.

$C_{10}H_{18}O_4$ Methyl hydrogen di*iso*propylmalonate (MARSHALL), 2760.

$C_{10}H_{18}O_5$ Ethyl(hydroxymethyl) ethylmalonate (WELCH), 260.

$C_{10}H_{19}N$ Piperitylamines, and their salts (READ and STOREY), 2770.

$C_{10}H_{20}O_6$ Tetramethyl mannofuranose (HAWORTH, HIRST, and WEBB), 657.

$C_{10}H_{21}N$ *d-neo*Menthylamine, hydrobromide of (READ and STEELE), 2432.

$C_{10}H_{22}O_2$ Methoxymethyl *sec.*-octyl ether (COCKER, LAPWORTH, and WALTON), 452.

10 III

$C_{10}H_6N_2Cl_8$ ααββω-Pentachlorobutaldehyde 2:4:6-trichlorophenylhydrazone (CHATTAWAY and IRVING), 91.

$C_{10}H_4N_2Br_4$ Tetrabromodimethylquinoxaline (BENNETT and WILLIS), 1709.

$C_{10}H_8OS$ 1-Thiol-2-naphthol (STEVENSON and SMILES), 1743.

$C_{10}H_9O_3N_3$ 6-Nitro-2-hydroxy-4-methylquinoline (BALABAN), 2349.

$C_{10}H_6O_3Br_2$ 3:5-Dibromo-4-hydroxy-αα-dimethylphthalide (CAHN), 992.

$C_{10}H_8O_4S$ 3-Keto-2-acetyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 411.

$C_{10}H_6N_2Cl_4$ αβ-Dichlorocrotonaldehyde 2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 90.

$C_{10}H_9OBr_3$ *o'*-α'-α-Tribromo-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1135.

$C_{10}H_9O_3N$ 5-Anisyl*iso*oxazole (ROBINSON and SCHWARZENBACH), 827.
Methyl 4-cyano-*m*-toluate (HAYASHI), 1516.
$C_{10}H_9O_7N_3$ Methyl 3:5-dinitro-2-acetamidobenzoate (ASHLEY, PERKIN, and ROBINSON), 390.
$C_{10}H_9N_3S$ 2-Phenyl-4:5-dihydroglyoxaline thiocyanates (MCCLELLAND and WARREN), 2692.
$C_{10}H_{10}ON_2$ 6-Amino-2-hydroxy-4-methylquinoline, and its hydrochloride (BALABAN), 2350.
$C_{10}H_{10}O_2N_2$ Acetamido-1-methylbenzoxazoles (PHILLIPS), 2688.
$C_{10}H_{10}OBr_2$ *o*-α-Dibromo-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1134.
$C_{10}H_{10}O_3N_2$ Allyl-*p*-nitrobenzaldoximes (BRADY and PEAKIN), 226.
$C_{10}H_{10}O_3N_4$ Nitroacetamido-2-methylbenziminazole (PHILLIPS), 1413.
$C_{10}H_{10}O_5N_2$ 2-Nitro-5-diacetamidophenol (PHILLIPS), 1913.
$C_{10}H_{10}O_5Hg$ 3-Acetoxymercuri-2-hydroxy-4-methoxybenzaldehyde (HENRY and SHARP), 2286.
2-Acetoxymercuri*iso*vanillin (HENRY and SHARP), 2284.
$C_{10}H_{11}ON$ β-4-Methoxyphenylpropionitrile (JOHNSON and ROBERTSON), 25.
$C_{10}H_{11}OBr$ Bromo-*n*-butyrophenones (ELSON, GIBSON, and JOHNSON), 1134.
$C_{10}H_{11}O_2N$ *O*-Allylbenzhydroxamic acid (BRADY and PEAKIN), 228.
$C_{10}H_{11}O_3N$ Anisoylacetaldoxime (ROBINSON and SCHWARZENBACH), 827.
$C_{10}H_{11}O_5N$ Ethyl 3-nitroanisate (ASHLEY, PERKIN, and ROBINSON), 392.
$C_{10}H_{11}O_6As$ Methyl *iso*phthalate-4-arsinous acid (GOUGH and KING), 691.
$C_{10}H_{11}O_7As$ Methyl *iso*phthalate-4-arsinic acid (GOUGH and KING), 691.
$C_{10}H_{11}NS$ *p*-Cyanobenzylethyl sulphide (MANN), 1751.
$C_{10}H_{12}ON_4$ Aminoacetamido-2-methylbenziminazole, and its dihydrochloride (PHILLIPS), 1413.
$C_{10}H_{12}O_2S$ *p*-Carboxybenzyl ethyl sulphide (MANN), 1751.
$C_{10}H_{12}O_3N_2$ *p*-Nitrophenylacetiminoethyl ether, hydrochloride of (FORSYTH and PYMAN), 400.
$C_{10}H_{12}N_2S$ 2-*m*-Methylthiolphenyl-4:5-dihydroglyoxaline, and its hydriodide (MCCLELLAND and WARREN), 1101.
$C_{10}H_{13}ON$ *o*-Amino-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1134.
$C_{10}H_{13}O_2N$ Acetyl-6-methoxy-*o*-toluidine (JONES and ROBERTSON), 1704.
4-Propionyl-*m*-cresol oxime (COULTHARD, MARSHALL, and PYMAN), 288.
$C_{10}H_{13}O_2N_3$ β-Nitroamyl alcohol phenylhydrazone (JONES and KENNER), 926.
$C_{10}H_{13}O_3N$ 4-Nitrosoresorcinol diethyl ether (HODGSON and CLAY), 1875.
$C_{10}H_{13}O_3N_3$ α-Nitrobutan-β-ol phenylhydrazone (JONES and KENNER), 927.
$C_{10}H_{14}ON$ *p*-Aldehydophenyltrimethylamine, salts of (ZAKI), 1083.
$C_{10}H_{14}ON_4$ *o*-Aminopropiophenone semicarbazone (ELSON, GIBSON, and JOHNSON), 1133.
$C_{10}H_{14}OS$ Phenyltetramethylenesulphonium hydroxide, bromoaurate of (BENNETT and MOSSES), 2369.
$C_{10}H_{14}O_3N_2$ 3:4-Dimethoxyphenylacetylhydrazine (AGGARWAL, KHERA, and RÂY), 2356.
$C_{10}H_{15}ON$ *p*-Methoxybenzyldimethylamine, and its picrate (STEVENS), 2112.
$C_{10}H_{17}ON$ *l*-Cryptaloxime (PENFOLD and SIMONSEN), 405.
$C_{10}H_{19}O_2N$ Methyl di*iso*propylmalonamate (MARSHALL), 2758.
$C_{10}H_{24}ISb$ Methyltri-*n*-propyl stibonium iodide (DYKE and JONES), 1924.
$C_{10}H_{25}OSb$ Methyltri-*n*-propylstibonium hydroxide, and its salts (DYKE and JONES), 1924.

10 IV

$C_{10}H_7OBrS$ 1-Bromothiol-2-naphthol (STEVENSON and SMILES), 1744.
$C_{10}H_7O_3N_2Cl$ 2-Chloro-6-nitro-4-methylquinoline (BALABAN), 2349.

$C_{10}H_8N_2Cl_2Br_2$ $\alpha\beta$-Dichlorocrotonaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 93.

$C_{10}H_8N_2Cl_2Br_4$ $\alpha\beta$-Dichloro-$\alpha\beta$-dibromobutaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 93.

$C_{10}H_8N_2Cl_2Br$ $\alpha\delta$-Dichlorocrotonaldehyde 2-chloro-4-bromophenylhydrazone (CHATTAWAY and IRVING), 94.

$C_{10}H_8N_2Cl_4Br_2$ $\alpha\beta$-Dichloro-$\alpha\delta$-dibromobutaldehyde 2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 90.

$C_{10}H_9ON_2Cl_3$ β-Chloro-α-ketobutaldehyde 2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 92.

$C_{10}H_9O_3N_3S$ 5-Nitro-1-acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2204.

$C_{10}H_9O_3N_3S$ 5-Nitro-1-methylacetamidobenzthiazole (HUNTER and JONES), 2204.

$C_{10}H_9O_4Cl_4As$ Methyl *iso*phthalate 4-arsinetetrachloride (GOUGH and KING), 692.

$C_{10}H_8NCl_3I$ 6-Chloro-1-methylquinoline tetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_{10}H_{10}ON_2S$ 1-Acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.

1-Imino-2-acetyl-5-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2197.

$C_{10}H_{10}OClBr$ *p*-Chloro-α-bromo-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1135.

$C_{10}H_{10}O_4NAs$ 2-Hydroxy-4-methylquinoline-6-arsinic acid (BALABAN), 2350.

$C_{10}H_{10}O_4N_2As$ Acetamido-2-methylbenziminazolearsinic acid (PHILLIPS), 1414.

$C_{10}H_{11}O_2N_2S$ 5-Nitro-1-methylimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 143.

$C_{10}H_{11}N_2BrS$ 5-Bromo-1-methylimino-2-ethyl-1:2-dihydrobenzthiazole (HUNTER), 144.

$C_{10}H_{12}ONBr$ 5-Bromo-4-acetamido-*o*-xylene (MILLS and NIXON), 2524.

$C_{10}H_{12}ON_2S$ 1-Imino-5-ethoxy-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2201.

1-Methylamino-5-ethoxybenzthiazole (HUNTER and JONES), 2201.

$C_{10}H_{12}ON_2Br$ Bromopropiophenone semicarbazones (ELSON, GIBSON, and JOHNSON), 1133.

$C_{10}H_{12}O_3NAs$ Benzo-*p*-propylamide-*p*-arsenious oxide (GOUGH and KING), 683.

$C_{10}H_{13}O_5N_2As$ 2:5-Diacetamidophenylarsinic acid (PHILLIPS), 1915.

$C_{10}H_{14}ON_2S$ *s*-*p*-Ethoxyphenylmethylthiocarbamide (HUNTER and JONES), 2201.

$C_{10}H_{14}O_4NAs$ Benzo-*n*-propylamide-*p*-arsinic acid (GOUGH and KING), 683.

$C_{10}H_{14}O_4N_2S_2$ 1-Amino-5-methylbenzthiazole methosulphate (HUNTER and JONES), 2198.

$C_{10}H_{18}I_2SHg$ Phenyldiethylsulphonium mercuritri-iodide (BALFE, KENYON, and PHILLIPS), 2563.

10 V

$C_{10}H_9ON_2ClBr_2$ β-Chloro-α-ketobutaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 94.

$C_{10}H_9ON_2ClS$ 5-Chloro-1-acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER and JONES), 2203.

5-Chloro-1-methylacetamidobenzthiazole (HUNTER and JONES), 2203.

$C_{10}H_9ON_2Cl_2Br$ β-Chloro-α-ketobutaldehyde 2-chloro-4-bromophenylhydrazone (CHATTAWAY and IRVING), 94.

$C_{10}H_9ON_2BrS$ 5-Bromo-1-acetimido-2-methyl-1:2-dihydrobenzthiazole (HUNTER), 140.

$C_{10}H_8NCl_4BrI$ 6-Bromo-1-methylquinoline tetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_{10}H_{11}ON_2SBr_3$ 1-Imino-2-acetyl-5-methyl-1:2-dihydrobenzthiazole hydrotribromide (HUNTER and JONES), 2197.

C_{11} Group.

$C_{11}H_{10}O_5$ Anisoylpyruvic acid (ROBINSON and SCHWARZENBACH), 825.

$C_{11}H_{12}O$ 5-Keto-1-methyl-5:6:7:8-tetrahydronaphthalene (HARVEY, HEILBRON, and WILKINSON), 429.

$C_{11}H_{12}O_3$ Hydroxycannabinolactone (CAHN), 989.

4-Methoxydimethylphthalide (CAHN), 991.

Methyl methylacetophenone-2-carboxylates (HEILBRON and WILKINSON), 2553.

$C_{11}N_{12}O_5$ 2-Hydroxy-4-methylcarbonato-3:6-dimethylbenzaldehyde (ROBERTSON and STEPHENSON), 319.

$C_{11}H_{13}N$ 1:3-Dimethyl-3:4-dihydro*iso*quinoline, picrate of (HEY), 20.

$C_{11}H_{14}O$ 2:4-Dimethylcinnamyl alcohol (BURTON), 252.

α-*m*-4-Xylylallyl alcohol (BURTON), 252.

$C_{11}H_{14}O_2$ *n*-Butyrylcresols (COULTHARD, MARSHALL, and PYMAN), 286.

5:6-Dimethoxyhydrindene (MILLS and NIXON), 2522.

p-Methoxybenzylacetone (GOODALL and HAWORTH), 2485.

γ-*o*-Tolylbutyric acid (HARVEY, HEILBRON, and WILKINSON), 428.

p-*n*-Valerylphenol (COULTHARD, MARSHALL, and PYMAN), 284.

$C_{11}H_{14}O_3$ 5-*n*-Butyrylguaiacol (COULTHARD, MARSHALL, and PYMAN), 290.

Dehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1198.

$C_{11}H_{14}O_4$ Dimethoxyethoxybenzaldehydes (HEAD and ROBERTSON), 2438, 2443.

Ethyl β-orcinolcarboxylate (ROBERTSON and STEPHENSON), 317.

$C_{11}H_{14}O_5$ Dimethoxyethoxybenzoic acids (HEAD and ROBERTSON), 2439, 2444.

$C_{11}H_{15}N$ 2:4-Dimethyl-1:2:3:4-tetrahydroquinolines, and their hydrochlorides (PLANT and ROSSER), 2153.

4-Phenylpiperidine, nitrate of (FORSYTH and PYMAN), 401.

$C_{11}H_{15}Br$ β-Benzylbutyl bromide (BREWIN and TURNER), 502.

γ-(2:4-Dimethylphenyl)propyl bromide (HEILBRON and WILKINSON), 2539.

$C_{11}H_{16}O$ γ-(2:4-Dimethylphenyl)propyl alcohol (HEILBRON and WILKINSON), 2538.

$C_{11}H_{16}O_2$ *cyclo*Pentane*spiro*-2-methyl*cyclo*hexane-3:5-dione (KON and THAKUR), 2231.

1:8:8-Trimethyl*bicyclo*[1:2:3]octane-2:4-dione (QUDRAT-I-KHUDA), 213.

$C_{11}H_{16}O_3$ Angustione (GIBSON, PENFOLD, and SIMONSEN), 1191.

$C_{11}H_{16}O_4$ Methyl ethyl *cyclo*pentenylmalonate (HUGH and KON), 779.

$C_{11}H_{18}O_2$ Methylcampholide (QUDRAT-I-KHUDA), 212.

$C_{11}H_{18}O_3$ 5-Acetyl-1:1:2-trimethyl*cyclo*pentane-2-carboxylic acid (QUDRAT-I-KHUDA), 211.

$C_{11}H_{22}O_6$ Tetramethyl α-mannofuranoside (HAWORTH, HIRST, and WEBB), 656.

Tetramethyl β-methylmannopyranoside (BOTT, HAWORTH, and HIRST), 2656.

11 III

$C_{11}H_8O_2S$ 2-Naphthylene 1-thiolcarbonate (STEVENSON and SMILES), 1743.

$C_{11}H_8O_9N_4$ Trinitrodihydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 389.

$C_{11}H_6O_{10}N_4$ 3:6:8-Trinitro-7-methoxykynurenic acid (ASHLEY, PERKIN, and ROBINSON), 394.

$C_{11}H_7OCl$ 3-Chloro-2-naphthaldehyde (SHOESMITH and MACKIE), 1586.

$C_{11}H_7O_7N_3$ 3:6-Dinitrohydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 389.

$C_{11}H_8O_5N_2$ 3-Nitrohydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 388.

$C_{11}H_8O_6N_2$ Nitro-7-methoxykynurenic acid (ASHLEY, PERKIN, and ROBINSON), 394.

$C_{11}H_8N_2S$ 1-Amino-α-naphthathiazole (HUNTER and JONES), 943.
$C_{11}H_9OCl$ Chloronaphthylcarbinols (SHOESMITH and MACKIE), 1586.
$C_{11}H_9O_3N$ Hydroxyacetoxyquinoline (ASHLEY, PERKIN, and ROBINSON), 388.
$C_{11}H_9O_4N$ 4-Hydroxy-7-methoxyquinoline-2-carboxylic acid (ASHLEY, PERKIN, and ROBINSON), 393.
$C_{11}H_9O_6N_5$ Acetyldinitrohydrazinodeoxystrychol (MENON, PERKIN, and ROBINSON), 842.
$C_{11}H_9O_7N$ 2-Nitro-4-methoxybenzoylpyruvic acid (ASHLEY, PERKIN, and ROBINSON), 393.
$C_{11}H_{10}O_3N_2$ Nitrohydroxydimethylquinolines (BALABAN), 2350.
$C_{11}H_{10}O_7Hg_2$ 3:5-Diacetoxymercuri-2:4-dihydroxybenzaldehyde (HENRY and SHARP), 2283.
$C_{11}H_{10}ClBr$ Chloronaphthylmethyl bromides (SHOESMITH and MACKIE), 1585.
$C_{11}H_{11}O_2N$ Acetyl-*p*-methoxyphenylacetonitrile (GOODALL and HAWORTH), 2486.
4-Keto-1-acetyl-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2135.
$C_{11}H_{11}O_4N$ Anisoylpyruvamide (ROBINSON and SCHWARZENBACH), 828.
Oxycannabin, constitution of (CAHN), 986.
$C_{11}H_{11}O_7N_3$ Ethyl 3:5-dinitro-2-acetamidobenzoate (ASHLEY, PERKIN, and ROBINSON), 390.
$C_{11}H_{12}ON_2$ Aminohydroxydimethylquinolines, and their hydrochlorides (BALABAN), 2351.
$C_{11}H_{13}ON$ 2-Keto-3:4-dimethyl-1:2:3:4-tetrahydroquinolines (PLANT and ROSSER), 2452.
$C_{11}H_{13}O_2N$ Anhydrodehydroangustione oxime (GIBSON, PENFOLD, and SIMONSEN), 1199.
$C_{11}H_{13}O_3N_3$ Methylacetophenone-2-carboxylic acid semicarbazones (HEILBRON and WILKINSON), 2552.
$C_{11}H_{13}O_3Br$ α-3-Bromo-4-methoxyphenyl-*n*-butyric acid (GOODALL and HAWORTH), 2487.
$C_{11}H_{14}O_2N_2$ 4-Nitrophenylpiperidines, salts of (FORSYTH and PYMAN), 402.
$C_{11}H_{14}O_3N_4$ *m*-Nitro-*n*-butyrophenone semicarbazone (ELSON, GIBSON, and JOHNSON), 1134.
$C_{11}H_{14}O_4N_2$ 5-Acetamido-2-carbethoxyaminophenol (PHILLIPS), 2689.
$C_{11}H_{15}O_2N$ Aminodehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1198.
Anhydroangustione oxime (GIBSON, PENFOLD, and SIMONSEN), 1193.
6-Methoxy-*m*-4-acetylxylidine (BOYCE, RANKINE, and ROBERTSON), 1216.
p-Methoxybenzylacetoxime (GOODALL and HAWORTH), 2485.
$C_{11}H_{15}O_3N_3$ *p*-Methoxybenzyl methyl ketone semicarbazone (GOODALL and HAWORTH), 2487.
$C_{11}H_{15}O_3N_3$ α-Chloro-α-nitropentan-β-ol phenylhydrazone (JONES and KENNER), 927.
$C_{11}H_{16}ON_2$ *p*-Acetamidophenyltrimethylamine, methosulphate of (ZAKI), 1079.
$C_{11}H_{17}OS$ Benzyldiethylsulphonium hydroxide, picrate of (POLLARD and ROBINSON), 1766.
$C_{11}H_{17}O_2N$ Aminoangustione (GIBSON, PENFOLD, and SIMONSEN), 1192.
$C_{11}H_{19}ON_3$ Methyl*cyclo*hexylideneacetone semicarbazones (KON and THAKUR), 2227.
$C_{11}H_{25}ISb$ Ethyltri-*n*-propylstibonium iodide (DYKE and JONES), 1925.
$C_{11}H_{27}OSb$ Ethyltri-*n*-propylstibonium hydroxide, salts of (DYKE and JONES), 1925.

11 IV

$C_{11}H_6NClS$ 1-Chloro-α-naphthathiazole (HUNTER and JONES), 942.
$C_{11}H_6NBrS$ 1-Bromo-β-naphthylthiocarbimide (HUNTER and JONES), 948.

$C_{11}H_7ONS$ 1-Hydroxy-α-naphthathiazole (Hunter and Jones), 942.
$C_{11}H_7N_2BrS$ 3-Bromo-1-amino-ββ-naphthathiazole (Hunter and Jones), 948.
$C_{11}H_9O_2N_2Cl$ Chloronitrodimethylquinolines (Balaban), 2350.
$C_{11}H_9N_2BrS$ 1-Bromo-β-naphthylthiocarbamide (Hunter and Jones), 948.
$C_{11}H_{11}O_3N_3S$ 5-Nitro-1-acetimido-2-ethyl-1:2-dihydrobenzthiazole (Hunter), 143.
$C_{11}H_{12}ON_2S$ 1-Acetimido-2:5-dimethyl-1:2-dihydrobenzthiazole (Hunter and Jones), 2198.
1-Acetimido-2-ethyl-1:2-dihydrobenzthiazole (Hunter), 142.
1-Acetomethylamido-5-methylbenzthiazole (Hunter and Jones), 2200.
$C_{11}H_{12}O_2N_2S$ 1-Acetamido-5-ethoxybenzthiazole (Hunter and Jones), 2201.
1-Imino-2-acetyl-5-ethoxy-1:2-dihydrobenzthiazole (Hunter and Jones), 2201.
$C_{11}H_{12}O_4NAs$ Hydroxydimethylquinoline-6-arsinic acids (Balaban), 2352.
$C_{11}H_{13}O_4N_2Sb$ 3-Nitro-4-piperidinophenylstibinic acid (Morgan and Cook), 742.
$C_{11}H_{14}ON_2Br$ Bromo-*n*-butyrophenone semicarbazones (Elson, Gibson, and Johnson), 1134.
$C_{11}H_{15}O_2N_2Sb$ 3-Amino-4-piperidinophenylstibinic acid, and its sodium salt (Morgan and Cook), 742.
$C_{11}H_{15}O_2SCl$ *sec.*-Butyltoluenesulphonyl chlorides (Shoesmith and McGechen), 2236.
$C_{11}H_{15}O_5N_2As$ Benzoylglycine-ethylamide-*p*-arsinic acid (Gough and King), 684.
$C_{11}H_{16}O_3NS$ Nitrobenzyldiethylsulphonium hydroxides, picrates of (Pollard and Robinson), 1766.
$C_{11}H_{16}O_4NAs$ Benzodiethylamide-*p*-arsinic acid (Gough and King), 683.
$C_{11}H_{17}O_2NS$ *p*-Toluenesulphonyl*iso*butylamide (Gulland and Hopton), 10.
$C_{11}H_{18}ONI$ α-β-Hydroxy-β-phenylethyltrimethylammonium iodide (Read and Campbell), 2684.

11 V

$C_{11}H_{10}O_3N_3BrS$ 5-Bromo-3-nitro-1-acetimido-2-ethyl-1:2-dihydrobenzthiazole (Hunter), 147.
$C_{11}H_{11}ON_2BrS$ 5-Bromo-1-acetimido-2-ethyl-1:2-dihydrobenzthiazole (Hunter), 142.
$C_{11}H_{12}O_5NS_2As$ Di(carboxymethyl)benzamidothioarsinite (Gough and King), 681.
$C_{11}H_{13}O_3N_2Cl_4Sb$ 3-Nitro-4-piperidinophenylstibinic chloride, hydrochloride of (Morgan and Cook), 741.
$C_{11}H_{13}O_2N_4S_2As$ 2-Thiolbenziminazole-5-arsinic acid thiolacetamide (Everett), 2405.
$C_{11}H_{14}ONCl_2As$ Benzodiethylamide-*p*-dichloroarsine (Gough and King), 683.
$C_{11}H_{15}OI_3SHg$ Phenacylmethylethylsulphonium mercuritri-iodide (Balfe, Kenyon, and Phillips), 2566.

C_{12} Group.

$C_{12}H_8O_4$ Acid, from squalene (Heilbron and Wilkinson), 2551.
$C_{12}H_9I$ *o*-Iododiphenyl (Cook), 1091.
$C_{12}H_{10}O_5$ Methylfurfuraldehyde oxide, formation of (Chandrasena), 2035.
$C_{12}H_{12}O_4$ 7-Methoxy-6-ethoxycoumarin (Head and Robertson), 2437.
$C_{12}H_{12}O_6$ 4:6-Diacetoxy-2-methoxybenzaldehyde (Bradley, Robinson, and Schwarzenbach), 806.
$C_{12}H_{12}O_7$ Diacetyl-3-*O*-methylgallic acid (Bradley, Robinson, and Schwarzenbach), 814.
$C_{12}H_{14}O_2$ Ethyl *o*-methylcinnamate (Harvey, Heilbron, and Wilkinson), 428.
$C_{12}H_{14}O_3$ 3:4-Dimethylacetophenone-2-carboxylic acid (Heilbron and Wilkinson), 2553.
Methoxycannabinolactone (Cahn), 989.

$C_{12}H_{14}O_4$ Acetylrhizonaldehyde (Robertson and Stephenson), 318.
$C_{12}H_{14}O_5$ Acetylrhizonic acid (Robertson and Stephenson), 319.
2-Methoxy-4-methylcarbonato-3:6-dimethylbenzaldehyde (Robertson and Stephenson), 319.
$C_{12}H_{16}O$ Phenyl β-methylbutyl ketone (Davies, Dixon, and Jones), 472.
β-*o*-Tolyldiethyl ketone (Harvey, Heilbron, and Wilkinson), 430.
$C_{12}H_{16}O_2$ β- and γ-(2:4-Dimethylphenyl)butyric acids (Heilbron and Wilkinson), 2539.
n-Hexoylphenols (Coulthard, Marshall, and Pyman), 284.
α-*p*-Methoxybenzylethyl methyl ketone (Goodall and Haworth), 2485.
α-*p*-Methoxyphenyl-*n*-propyl methyl ketone (Goodall and Haworth), 2484.
β-*o*-Tolyl-α-ethylpropionic acid (Harvey, Heilbron, and Wilkinson), 426.
Valerylcresols (Coulthard, Marshall, and Pyman), 286.
$C_{12}H_{16}O_3$ β-Hydroxy-β-(2:4-dimethylphenyl)butyric acid (Heilbron and Wilkinson), 2540.
$C_{12}H_{17}Br$ β-(2:4-Dimethylphenyl)butyryl bromide (Heilbron and Wilkinson), 2541.
γ-*o*-Tolyl-α- and -β-ethylpropyl bromides (Harvey, Heilbron, and Wilkinson), 427.
$C_{12}H_{18}O$ γ-(2:4-Dimethylphenyl)butyl alcohol (Heilbron and Wilkinson), 2541.
Phenyl-*n*-amylcarbinol (Davies, Dixon, and Jones), 470.
Phenyl-(β-methylbutyl) carbinol (Davies, Dixon, and Jones), 472.
γ-*o*-Tolyl-α- and -β-ethylpropyl alcohols (Harvey, Heilbron, and Wilkinson), 427.
$C_{12}H_{18}O_2$ *trans*-Decahydronaphthylidene-2-acetic acid (Rao), 1183.
2:2′-Diketodi*cyclo*hexyl (Plant), 1597.
Methyl*cyclo*hexane*spirocyclo*hexan-3:5-diones (Kon and Thakur), 2228.
trans-Octahydronaphthalene-2-acetic acid (Rao), 1181.
$C_{12}H_{18}O_4$ Ethyl Δ^1-*cyclo*pentenylmalonate (Hugh and Kon), 778.
$C_{12}H_{20}O_3$ 2-Hydroxy-*trans*-decalin-2-acetic acid (Rao), 1183.
Methyl 5-acetyl-1:1:2-trimethyl*cyclo*pentane-2-carboxylate (Qudrat-i-Khuda), 210.
$C_{12}H_{20}O_9$ Cellobial (Haworth, Hirst, Streight, Thomas, and Webb), 2638.
Lactal, preparation of (Haworth, Hirst, Plant, and Reynolds), 2647.
$C_{12}H_{22}O_2$ *l*-Menthyl acetate, influence of substituents on rotatory power of (Rule, Thompson, and Robertson), 1887.
$C_{12}H_{22}O_7$ Acetyl trimethyl methylmannoside (Bott, Haworth, and Hirst), 1402.
$C_{12}H_{22}O_{11}$ 4-Galactosido-α-mannose (Haworth, Hirst, Plant, and Reynolds), 2652.
$C_{12}H_{27}As$ Tri*iso*butylarsine (Dyke and Jones), 2429.
$C_{12}H_{27}Sb$ Tributylstibines (Dyke, Davies, and Jones), 466.

12 .VI

$C_{12}H_7OCl$ 2-Chlorodiphenylene oxide (Cullinane), 2268.
$C_{12}H_8O_8N_4$ 3:5:4′-Trinitro-4-aminodiphenyl (Bell), 1074.
$C_{12}H_8S_2As_2$ Substance, from 2-sulphinophenylarsinic acid by reduction (Barber), 2729.
$C_{12}H_{10}N_2S$ 1-Imino-2-methyl-1:2-dihydro-α-naphthathiazole (Hunter and Jones), 946.
$C_{12}H_{11}O_4N$ Nitrophenyldihydroresorcinols (Hinkel and Dippy), 1388.

$C_{12}H_{11}O_5N_5$ *iso*Propylidenedinitrohydrazinodeoxystrychol (MENON, PERKIN, and ROBINSON), 842.

$C_{12}H_{11}O_6Cl$ 4:5-Diacetoxy-3-methoxybenzoyl chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.

$C_{12}H_{11}O_7N_3$ *O*-Ethyldinitrostrychol carbohydrazide (MENON, PERKIN, and ROBINSON), 837.

$C_{12}H_{12}O_2N_2$ 6-Acetamido-2-hydroxy-4-methylquinoline (BALABAN), 2350.

α-Methylimino-β-anisoylpropionitrile (ROBINSON and SCHWARZENBACH), 827.

1-Phenylacetyl-3-methyl-5-pyrazolone (AGGARWAL and RAY), 493.

$C_{12}H_{12}N_2S$ β-Naphthylmethylthiocarbamides (HUNTER and JONES), 946.

$C_{12}H_{13}O_2N$ 4-Hydroxy-6-methoxy-2:3-dimethylquinoline (KERMACK and SMITH), 2005.

$C_{12}H_{14}O_5N_4$ 5-Nitro-1:2:4-triacetamidobenzene (PHILLIPS), 1413.

$C_{12}H_{15}ON$ Pyroterebyl anilide (ECCOTT and LINSTEAD), 918.

$C_{12}H_{15}O_2N$ Tetrahydropyran-4-carboxyanilide (GIBSON and JOHNSON), 2528.

$C_{12}H_{15}O_2N_3$ Anhydrodehydroangustione semicarbazone (GIBSON, PENFOLD, and SIMONSEN), 1199.

$C_{12}H_{15}O_3N_3$ Methyl methylacetophenone-2-carboxylate semicarbazones (HEILBRON and WILKINSON), 2553.

$C_{12}H_{17}ON$ α-Dimethylamino-α-benzylacetone, and its picrate (STEVENS, SNEDDEN, STILLER, and THOMSON), 2121.

γ (2:4-Dimethylphenyl)butyramide (HEILBRON and WILKINSON), 2539.

$C_{12}H_{17}O_2N$ α-*p*-Methoxyphenyl-*n*-propyl methyl ketoxime (GOODALL and HAWORTH), 2485.

$C_{12}H_{17}O_2N_3$ Anhydroangustione semicarbazone (GIBSON, PENFOLD, and SIMONSEN), 1192.

p-Methoxybenzylacetone semicarbazone (GOODALL and HAWORTH), 2485.

$C_{12}H_{17}O_3N_3$ α-Nitrohexan-β-ol phenylhydrazone (JONES and KENNER), 927.

$C_{12}H_{17}O_6N$ 2:3:4:6-Tetramethoxyacetophenone oxime (KURODA), 767.

$C_{12}H_{18}O_2Br_2$ Dibromodecahydronaphthylidene-2-acetic acid (RAO), 1183.

$C_{12}H_{19}O_4Br$ Methyl bromocamphorate (QUDRAT-I-KHUDA), 210.

$C_{12}H_{21}ON$ Acetylpiperitylamines (READ and STOREY), 2776.

$C_{12}H_{21}ON_3$ Homoepicamphor semicarbazone (QUDRAT-I-KHUDA), 213.

$C_{12}H_{21}O_3N_3$ 5-Acetyl-1:1:2-trimethyl*cyclo*pentane-2-carboxylic acid semicarbazone (QUDRAT-I-KHUDA), 211.

$C_{12}H_{22}O_5S$ *l*-Menthyl sulphoacetate, sodium salt (RULE, THOMPSON, and ROBERTSON), 1893.

$C_{12}H_{22}Cl_2Si$ Di*cyclo*hexylsilicon dichloride (PALMER and KIPPING), 1025.

$C_{12}H_{27}OSb$ Tri-*n*-butylstibinic oxide (DYKE and JONES), 1925.

$C_{12}H_{27}O_4P$ Tri-*n*-butyl orthophosphate (EVANS, DAVIES, and JONES), 1310.

$C_{12}H_{27}Cl_2Sb$ Tri-*n*-butylstibinic chloride (DYKE and JONES), 1925.

$C_{12}H_{27}Br_2Sb$ Tri-*n*-butylstibinic bromide (DYKE and JONES), 1925.

$C_{12}H_{27}I_2Sb$ Tri-*n*-butylstibinic iodide (DYKE and JONES), 1926.

12 IV

$C_{12}H_4O_7N_3Cl_3$ 2:4:6-Trichloro-3:2′:4′-trinitrodiphenyl ether (FOX and TURNER), 1860.

$C_{12}H_4O_7N_3Br_3$ 2:4:6-Tribromo-3:2′:4′-trinitrodiphenyl ether (FOX and TURNER), 1861.

$C_{12}H_5O_3NBr_4$ 2:4:4′:5′-Tetrabromo-2′-nitrodiphenyl ether (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1205.

$C_{12}H_5O_5N_3Cl_3$ 2:4:6-Trichloro-2′:4′-dinitrodiphenyl ether (FOX and TURNER), 1860.

$C_{12}H_5O_7N_3Br_2$ 2:4-Dibromo-5:2′:4′-trinitrodiphenyl ether (HENLEY and TURNER), 934.

$C_{12}H_6O_2NCl_3$ Trichloro-3′-nitrodiphenyl (HINKEL and DIPPY), 1390.

$C_{12}H_6O_3NBr_3$ 2:4:4′-Tribromo-2′-nitrodiphenyl ether (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1205.

$C_{12}H_6O_7N_3Cl$ 2-Chloro-4:2′:4′-trinitrodiphenyl ether (FOX and TURNER), 1121.

$C_{12}H_6O_7N_3Br$ 2-Bromo-4:2′:4′-trinitrodiphenyl ether (FOX and TURNER), 1122.

$C_{12}H_7O_2NCl_2$ 3:5-Dichloro-3′-nitrodiphenyl (HINKEL and DIPPY), 1389.

$C_{12}H_7O_3NBr_2$ Dibromonitrodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1205.

$C_{12}H_7O_5N_2Cl$ 2-Chlorodinitrodiphenyl ethers (FOX and TURNER), 1121.

$C_{12}H_7O_5N_2Br$ Bromo*di*nitrodiphenyl ethers (FOX and TURNER), 1122.

$C_{12}H_8ONBr_3$ Tribromoaminodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1207.

$C_{12}H_8ON_2Cl_6$ *aaββω*-Pentachlorobutaldehyde *N*-acetyl-2:4:6-trichlorophenylhydrazone (CHATTAWAY and IRVING), 91.

$C_{12}H_8OClBr$ 2-Chloro-2′-bromodiphenyl ether (FOX and TURNER), 1857.

$C_{12}H_8O_3NBr$ Bromonitrodiphenyl ethers (FOX and TURNER), 1121; (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1204.

$C_{12}H_8O_4N_2Se$ *pp′*-Dinitrodiphenyl selenide (BAKER and MOFFITT), 1726.

$C_{12}H_9ONBr_2$ Dibromoaminodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1207.

$C_{12}H_9ONS$ 1-Keto-2-methyl-1:2-dihydro-*α*-naphthathiazole (HUNTER and JONES), 948.

$C_{12}H_9ON_3S$ 1-Nitrosoimino-2-methyl-1:2-dihydro-*α*-naphthathiazole (HUNTER and JONES), 948.

$C_{12}H_9O_2NCl_2$ 3:5-Dichloro-1-nitrophenyl-$\Delta^{2:4}$*cyclo*hexadienes (HINKEL and DIPPY), 1389.

$C_{12}H_9O_6N_3S$ *m*-Nitrobenzenesulphon-*m′*-nitroanilide (BELL), 1077.

$C_{12}H_9NClAs$ 10-Chloro-5:10-dihydrophenarsazine (GIBSON and JOHNSON), 1124; (GIBSON, HISCOCKS, JOHNSON, and JONES), 1622.

$C_{12}H_{10}ONCl$ 5-Chloro-2-aminodiphenyl ether (CULLINANE), 2268.

$C_{12}H_{10}ONCl_6$ *aaββ*-Tetrachlorobutaldehyde *N*-acetyl-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 92.

$C_{12}H_{10}ONBr$ Bromoaminodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1206.

$C_{12}H_{10}ON_2Cl_4$ *αβ*-Dichlorocrotonaldehyde *N*-acetyl-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 91.

$C_{12}H_{10}O_2N_2S$ Nitroaminodiphenyl sulphides (HODGSON and ROSENBERG), 180.

$C_{12}H_{12}ONCl$ 4-Chloro-6-methoxy-2:3-dimethylquinoline (KERMACK and SMITH), 2006.

$C_{12}H_{12}O_6S_2As_2$ Diphenyl disulphide diarsinic acids (BARBER), 2727.

$C_{12}H_{15}O_3N_2As$ Benzoylglycine-*n*-propylamide-*p*-arsenious oxide (GOUGH and KING), 684.

$C_{12}H_{15}O_6NS$ 5-Anisyl*iso*oxazole methosulphate (ROBINSON and SCHWARZENBACH), 827.

$C_{12}H_{16}O_2NAs$ Benz*iso*amylamide-*p*-arsenious oxide (GOUGH and KING), 683.

$C_{12}H_{16}O_4NAs$ Benzopiperidide-*p*-arsinic acid (GOUGH and KING), 683.

$C_{12}H_{16}ONCl$ Acetonylbenzyldimethylammonium chloride (STEVENS, SNEDDEN, STILLER, and THOMSON), 2120.

$C_{12}H_{18}O_4NAs$ Benz*iso*amylamide-*m*- and -*p*-arsinic acids (GOUGH and KING), 683, 686.

$C_{12}H_{20}N_2Cl_8I_2$ *NN*-Dimethylnicotine bistetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_{12}H_{22}ONCl$ Chloroacetyl-*d*-*neo*menthylamine (READ and STOREY), 2765.
$C_{12}H_{22}ONBr$ Bromoacetyl-*l*-menthylamine (READ and STOREY), 2765.
$C_{12}H_{22}O_4SBa$ Barium *cyclo*hexyl sulphate (BURKHARDT), 2398.
$C_{12}H_{30}I_4S_2Hg$ Triethylsulphonium mercuritetraiodide (BALFE, KENYON, and PHILLIPS), 2562.

12 V

$C_{12}H_4O_7N_3ClBr_2$ 4-Chloro-2:6-dibromo-3:2′:4′-trinitrodiphenyl ether (FOX and TURNER), 1861.
$C_{12}H_5O_5N_2ClBr_2$ 4-Chloro-2:6-dibromo-2′:4′-dinitrodiphenyl ether (FOX and TURNER), 1861.
$C_{12}H_5O_5N_2Cl_2Br$ 2:4-Dichloro-6-bromo-2′:4′-dinitrodiphenyl ether (FOX and TURNER), 1862.
$C_{12}H_5O_7N_3ClBr$ 2-Chloro-4-bromo-5′:2:4′-trinitrodiphenyl ether (FOX and TURNER), 1859.
$C_{12}H_6O_5N_2ClBr$ Chlorobromodinitrodiphenyl ethers (FOX and TURNER), 1120, 1838.
$C_{12}H_7O_2N_5F_8B_2$ 2-Nitro-4:4′-diphenylylbisdiazonium borofluoride (LE FÈVRE and TURNER), 1161.
$C_{12}H_{10}ON_2Cl_2Br_2$ $\alpha\beta$-Dichlorocrotonaldehyde *N*-acetyl-2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 93.
$C_{12}H_{10}ON_2Cl_2Br$ $\alpha\beta$-Dichlorocrotonaldehyde *N*-acetyl-2-chloro-4-bromophenylhydrazone (CHATTAWAY and IRVING), 94.
$C_{12}H_{10}O_2NSAs$ 2-Sulphonanilidophenylarsenious oxide (BARBER), 2052.
$C_{12}H_{12}O_5NSAs$ 2-Sulphonanilidophenylarsinic acid (BARBER), 2052.
$C_{12}H_{14}ONCl_2As$ Benzopiperidide-*p*-dichloroarsine (GOUGH and KING), 683.

12 VI

$C_{12}H_{10}O_2NI_2SAs$ 2-Sulphonanilidophenyldi-iodoarsine (BARBER), 2052.

C_{13} Group.

$C_{13}H_{14}$ 1-Methylethylnaphthalenes (HARVEY, HEILBRON, and WILKINSON), 428.
1:3:5-Trimethylnaphthalenes (HEILBRON and WILKINSON), 2540.
Substance, from squalene (HEILBRON and WILKINSON), 2546.
$C_{13}H_{18}$ β-Phenyl-δ-methyl-$\Delta\beta$-hexylene (DAVIES, DIXON, and JONES), 473.

13 II

$C_{13}H_{10}O$ Benzophenone, reduction of, by Grignard reagents (DAVIES, DIXON, and JONES), 1916.
$C_{13}H_{10}O_2$ *O*-Benzoylquinol (ROBERTSON and WATERS), 2732.
$C_{13}H_{12}O_2$ 1:2:5-Trimethyl-β-naphthaquinone (HEILBRON and WILKINSON), 2551.
$C_{13}H_{12}N_2$ Diphenylformamidine (HINKEL and DUNN), 1838.
$C_{13}H_{13}N_3$ Diazoamino-*p*-toluene, pyrolysis of (MORGAN and WALLS), 1502.
$C_{13}H_{14}O_2$ 1-Phenyl-4-methyl*cyclo*hexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2456.
$C_{13}H_{14}O_4$ Acetoxycannabinolactone (CAHN), 989.
$C_{13}H_{14}O_5$ Ethyl anisoylpyruvate (ROBINSON and SCHWARZENBACH), 825.
$C_{13}H_{14}O_7$ 2:4-Dimethylcarbonato-3:6-dimethylbenzaldehyde (ROBERTSON and STEPHENSON), 316.
$C_{13}H_{15}N$ β-Phenyl-α-ethyl-Δ^α-pentenonitrile (HUGH and KON), 781.
γ-Phenyl-β-methyl-α-ethyl-Δ^α-butenonitrile (HUGH and KON), 781.
$C_{13}H_{16}O$ 5-Keto-1-methyl-6- and -7-ethyl-5:6:7:8-tetrahydronaphthalenes (HARVEY, HEILBRON, and WILKINSON), 427.
5-Keto-1:3:8-trimethyl-5:6:7:8-tetrahydronaphthalene (HEILBRON and WILKINSON), 2541.

$C_{13}H_{16}O_2$ Ethyl 2:4-dimethylcinnamate (HEILBRON and WILKINSON), 2538.
$C_{13}H_{16}O_5$ Dimethoxyethoxycinnamic acids (HEAD and ROBERTSON), 2439, 2444.
$C_{13}H_{18}O$ α-*p*-Methoxyphenyl-Δ$^{\alpha}$-hexylene (DAVIES, DIXON, and JONES), 470.
Phenyl *iso*hexyl ketone (LAPWORTH and MANSKE), 1976.
$C_{13}H_{18}O_2$ γ-(2:4-Dimethylphenyl) valeric acid (HEILBRON and WILKINSON), 2541.
n-Heptoylphenols (COULTHARD, MARSHALL, and PYMAN), 284.
Hexoylcresols (COULTHARD, MARSHALL, and PYMAN), 287.
γ-*o*-Tolyl-α- and -β-ethylbutyric acids (HARVEY, HEILBRON, and WILKINSON), 427, 430.
$C_{13}H_{20}O$ Phenylmethyl-*n*-amylcarbinol (DAVIES, DIXON, and JONES), 471.
Phenylmethyl-(β-methylbutyl)carbinol (DAVIES, DIXON, and JONES), 473.
$C_{13}H_{20}O_9$ 3:4:6-Triacetyl β-methylglucoside (HICKINBOTTOM), 1342.
$C_{13}H_{24}O_3$ 10-Ketotridecoic acid (ROBINSON), 750.
$C_{13}H_{24}O_4$ Ethyl hydrogen *iso*propyl-αγ-dimethyl*iso*propylmalonate (MARSHALL), 2761.
$C_{13}H_{24}O_{11}$ 4-Galactosido-α-methylmannoside (HAWORTH, HIRST, PLANT, and REYNOLDS), 2648.
4-Glucosido-α-methylmannoside (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2639.

13 III

$C_{13}H_8O_6N_2$ 2:4-Dinitrodiphenyl-6-carboxylic acid (LESSLIE and TURNER), 1761.
$C_{13}H_8O_9N_4$ 2:4:2′:3′-Tetranitro-4′-methyldiphenyl ether (FOX and TURNER), 1865.
$C_{13}H_9O_5N_3$ 1:3-Dinitro-9-methylphenoxazine (BRADY and WALLER), 1221.
$C_{13}H_9O_7N_3$ 2:4:2′-Trinitro-4′-methyldiphenyl ether (FOX and TURNER), 1865.
$C_{13}H_9N_2S$ 1-Anilinobenzthiazole, picrate of (HUNTER and JONES), 2204.
$C_{13}H_{10}OBr_2$ Dibromo-4-methoxydiphenyls (BELL), 1075.
$C_{13}H_{10}O_2N_2$ Benzylidene-*m*-nitroaniline, and its salts (BAKER and INGOLD), 436.
$C_{13}H_{10}O_3N_2$ Nitromethylphenoxazines (BRADY and WALLER), 1221.
$C_{13}H_{10}O_5N_2$ 2:4-Dinitro-4′-methyldiphenyl ether (FOX and TURNER), 1865.
$C_{13}H_{10}O_7N_4$ 2:4:6-Trinitro-2′-hydroxy-6′-methyldiphenylamine (BRADY and WALLER), 1220.
$C_{13}H_{10}NCl$ Chlorostilbazole (BLOOD and SHAW), 507.
$C_{13}H_{10}NBr$ Bromostilbazole (BLOOD and SHAW), 505.
$C_{13}H_{11}OBr$ Bromo-4-methoxydiphenyls (BELL), 1075.
$C_{13}H_{11}O_5N_3$ Dinitromethyl-2′-hydroxydiphenylamines (BRADY and WALLER), 1219.
$C_{13}H_{11}NCl_2$ 2-Stilbazole dichloride (BLOOD and SHAW), 505.
$C_{13}H_{11}NCl_4$ 2-Stilbazole tetrachloride (BLOOD and SHAW), 505.
$C_{13}H_{12}ON_2$ 2-Nitrosomethylaminodiphenyl (BELL), 1077.
$C_{13}H_{12}O_3S$ 2-Naphthol 1-ethylthiolcarbonate (STEVENSON and SMILES), 1743.
$C_{13}H_{12}O_6N_2$ ω-Diazo-4:5-diacetoxy-3-methoxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.
$C_{13}H_{13}NBr$ 2-Stilbazole hydrobromide (BLOOD and SHAW), 507.
$C_{13}H_{14}O_2N_2$ Acetamidohydroxydimethylquinolines (BALABAN), 2351.
$C_{13}H_{17}ON$ 1-Acetyl-2:4-dimethyl-1:2:3:4-tetrahydroquinolines (PLANT and ROSSER), 2453.
Methylhexenoanilides (LINSTEAD and MANN), 2072.
$C_{13}H_{17}ON_3$ 5-Keto-1:3-dimethyl-5:6:7:8-tetrahydronaphthalene (HEILBRON and WILKINSON), 2539.

$C_{13}H_{17}ON_3$ 2-Methylstyryl ethyl ketone semicarbazone (HARVEY, HEILBRON, and WILKINSON), 429.

$C_{13}H_{17}O_8N$ Tetra-acetyl arabononitrile (DEULOFEU), 2603.

$C_{13}H_{19}ON$ γ-(2:4-Dimethylphenyl)valeramide (HEILBRON and WILKINSON), 2541.

$C_{13}H_{19}ON_3$ Phenyl β-methylbutyl ketone semicarbazone (DAVIES, DIXON, and JONES), 472.

β-*o*-Tolyldiethyl ketone semicarbazone (HARVEY, HEILBRON, and WILKINSON), 430.

$C_{13}H_{19}OBr_3$ 3:5:4′-Tribromo-4-methoxydiphenyl (BELL), 1075.

$C_{13}H_{19}O_2N_3$ α-*p*-Methoxybenzylethyl methyl ketone semicarbazone (GOODALL and HAWORTH), 2486.

α-*p*-Methoxyphenyl-*n*-propyl methyl ketone semicarbazone (GOODALL and HAWORTH), 2485.

$C_{13}H_{21}OP$ *p*-Methoxyphenyl di-*n*-propylphosphine (JACKSON, DAVIES, and JONES), 2300.

$C_{13}H_{21}O_3N$ Carbethoxymethylbenzyldimethylamine, picrate of (STEVENS, SNEDDEN, STILLER, and THOMSON), 2121.

$C_{13}H_{23}IAs$ γ-Phenyl-α-methylpropyldimethylarsine methiodide (BREWIN and TURNER), 503.

$C_{13}H_{23}O_3N_3$ Methyl 5-acetyl-1:1:2-trimethyl*cyclo*pentane-2-carboxylate semicarbazone (QUDRAT-I-KHUDA), 211.

$C_{13}H_{25}ON$ Propionyl-*d*-*neoiso*menthylamine (READ and STOREY), 2765.

$C_{13}H_{26}NI$ *dl*-Piperityltrimethylammonium iodide (READ and STOREY), 2778.

$C_{13}H_{30}ISb$ Methyltri-*n*-butylstibonium iodide (DYKE and JONES), 1926.

$C_{13}H_{31}OSb$ Methyltri-*n*-butylstibonium hydroxide, and its salts (DYKE and JONES), 1926.

13 IV

$C_{13}H_8ONBr$ Bromo-1-phenylbenzoxazole (HUNTER), 139.

$C_{13}H_8O_3NBr$ 3-Bromobenzoquinone-4-oxime benzoate (HODGSON and KERSHAW), 968.

$C_{13}H_8O_3NI$ 3-Iodobenzoquinone-4-oxime benzoate (HODGSON and KERSHAW), 1970.

$C_{13}H_8O_3Br_4S$ 2:4:5-Tribromophenyl *o*-bromo-*p*-toluenesulphonate (HENLEY and TURNER), 933.

$C_{13}H_8O_7N_3Br$ 4-Bromo-2:2′:3′-trinitro-4′-methyldiphenyl ether (FOX and TURNER), 1864.

$C_{13}H_9ONBr_4$ Bromo-1-phenyloxazole hydrotribromide (HUNTER), 139.

$C_{13}H_9ONBr_6$ 1-Phenylbenzoxazole hexabromide (HUNTER), 138.

$C_{13}H_9O_4N_3S$ *m*-Nitrobenzylidene-*o*-nitrophenylsulphamine (BRADY and PEAKIN), 229.

$C_{13}H_9O_5N_2Cl$ 4-Chloro-2:2′-dinitro-4′-methyldiphenyl ether (FOX and TURNER), 1123.

$C_{13}H_9NBr_4S$ 1-Phenylbenzthiazole tetrabromide (HUNTER), 138.

$C_{13}H_9NBr_4Se$ 1-Phenylbenzselenazole tetrabromide (HUNTER), 139.

$C_{13}H_9NBr_6S$ 1-Phenylbenzthiazole hexabromide (HUNTER), 138.

$C_{13}H_{10}ON_2S$ 1-Acetamido-α-naphthathiazole (HUNTER and JONES), 943.

$C_{13}H_{10}O_3NCl$ 4-Chloro-2- and -2′-nitro-4′-methyldiphenyl ethers (FOX and TURNER), 1122.

$C_{13}H_{10}O_3NBr$ 4-Bromonitro-4′-methyldiphenyl ethers (FOX and TURNER), 1864.

$C_{13}H_{10}O_3Br_2S$ 2:4-Dibromophenyl *p*-toluenesulphonate (HENLEY and TURNER), 932.

$C_{13}H_{10}N_2ClBr$ *s*-*p*-Chloro-p′-bromodiphenylthiocarbamide (HUNTER and JONES), 2209.

$C_{13}H_{11}ONS$ 1-Ethoxy-α-naphthathiazole (HUNTER and JONES), 944.

$C_{13}H_{11}O_2N_3S$ 4′-Nitro-1-anilinobenzthiazole (HUNTER and JONES), 2206.
p-Nitro-*s*-diphenylthiocarbamide (HUNTER and JONES), 2206.
$C_{13}H_{11}O_3N_2Cl$ 2-Chloro-6-nitro-2′-hydroxy-3-methyldiphenylamine (BRADY and WALLER), 1220.
$C_{13}H_{11}O_5NS$ *m*-Nitrophenyl *p*-toluenesulphonate (HENLEY and TURNER), 935; (BELL), 1984.
$C_{13}H_{11}O_6NS$ 2-Nitro-4′-methyldiphenyl ether 4-sulphonic acid (FOX and TURNER), 1123.
$C_{13}H_{11}O_6N_2S$ *m*-Nitrobenzenesulphon-*p*′-nitro-*o*′-toluidide (BELL), 1077.
$C_{13}H_{11}N_2Br_3S$ 1-Anilinobenzthiazole hydrotribromide (HUNTER), 134.
$C_{13}H_{13}O_3NS$ 3-Aminophenyl *p*-toluenesulphonate (BELL), 1984.
$C_{13}H_{13}O_6NS$ 2′-Nitro-4′-methyldiphenyl ether (FOX and TURNER), 1865.
$C_{13}H_{15}N_2Br_4S$ 1-*p*-Toluidino-5-methylbenzthiazole hydrotetrabromide (HUNTER), 134.
$C_{13}H_{17}N_2IS_2$ Thiocarbocyanine from 2:4-dimethylthiazole methiodide (FISHER and HAMER), 2509.
$C_{13}H_{20}O_2NCl$ Carbethoxymethylbenzyldimethylammonium chloride (STEVENS, SNEDDEN, STILLER, and THOMSON), 2121.
$C_{13}H_{20}O_5NAs$ *β*-Diethylaminoethylbenzoate-*p*-arsinic acid (GOUGH and KING), 684.
$C_{13}H_{21}OBr_2P$ *p*-Methoxyphenyl di-*n*-propylphosphine dibromide (JACKSON, DAVIES, and JONES), 2300.

13 V

$C_{13}H_9O_2N_2BrS$ 5-Bromo-4′-nitro-1-anilinobenzthiazole (HUNTER and JONES), 2210.
$C_{13}H_8O_5NBr_3S$ 2:4:6-Tribromo-3-nitrophenyl *p*-toluenesulphonate (HENLEY and TURNER), 936.
$C_{13}H_8O_7N_2Br_2S$ 2:4-Dibromo-5-nitrophenyl *o*-nitro-*p*-toluenesulphonate (HENLEY and TURNER), 932.
$C_{13}H_8N_2ClBrS$ 4′-Chloro-5-bromo-1-anilinobenzthiazole (HUNTER and JONES), 2210.
$C_{13}H_9ON_2BrS$ 3-Bromo-1-acetylamino-*ββ*-naphthathiazole (HUNTER and JONES), 949.
$C_{13}H_9O_3ClBr_2S$ 4-Chloro-2:6-dibromophenyl *p*-toluenesulphonate (FOX and TURNER), 1861.
$C_{13}H_9O_3Cl_2BrS$ 2:4-Dichloro-6-bromophenyl *p*-toluenesulphonate (FOX and TURNER), 1863.
$C_{13}H_{10}O_2N_3BrS$ *s*-*p*-Bromo-*p*′-nitrodiphenylthiocarbamide (HUNTER and JONES), 2210.
$C_{13}H_{10}O_3NBr_3S$ 2:4:6-Tribromo-3-aminophenyl *p*-toluenesulphonate (HENLEY and TURNER), 936.
$C_{13}H_{10}O_3ClBrS$ 2-Chloro-4-bromophenyl *p*-toluenesulphonate (FOX and TURNER), 1858.
$C_{13}H_{10}O_5NBrS$ Bromonitrophenyl *p*-toluenesulphonates (HENLEY and TURNER), 937.
$C_{13}H_{11}O_4NBrAs$ 2′-Bromo-2-nitro-4- and -6-methyldiphenylarsinic acids (GIBSON and JOHNSON), 1126.
$C_{13}H_{12}O_3NClS$ Chloro-2-aminophenyl *p*-toluenesulphonate (BELL), 1983.
$C_{13}H_{12}O_3NBrS$ Bromoaminophenyl *p*-toluenesulphonates (HENLEY and TURNER), 937.
$C_{13}H_{12}O_3N_2Br_2S$ 2:4-Dibromo-5-aminophenyl *o*-amino-*p*-toluenesulphonate (HENLEY and TURNER), 933.
$C_{13}H_{13}O_2NBrAs$ 2′-Bromo-2-amino 4-methyldiphenylarsinic acid (GIBSON and JOHNSON), 1127.

13 VI

$C_{13}H_9O_7N_2Cl_2BrS$ 2:4-Dichloro-6-bromonitrophenyl *o*-nitro-*p*-toluenesulphonates (Fox and Turner), 1863.

$C_{13}H_8O_7N_2ClBrS$ 2-Chloro-4-bromo-5-nitrophenyl *o*-nitro-*p*-toluenesulphonate (Fox and Turner), 1858.

C_{14} Group.

$C_{14}H_{26}$ 1:4(α)-Dimethyl-7-ethyldecahydronaphthalene (Clemo and Haworth), 2581.

14 II

$C_{14}H_{10}O_3$ 4-Hydroxy-9-anthranol (Cross and Perkin), 306.

$C_{14}H_{10}O_3$ 4:5-Dihydroxy-9-anthranol (Cross and Perkin), 306.

$C_{14}H_{12}O$ Diphenylethylene oxides (Read and Campbell), 2377.

$C_{14}H_{13}N$ 2:3-Dimethylcarbazole (Morgan and Walls), 1508.

$C_{14}H_{15}N$ Aminodimethyldiphenyls (Morgan and Walls), 1507.

$C_{14}H_{15}N_3$ Aminoazotoluene, and its hydrochloride (Morgan and Walls), 1506.

$C_{14}H_{16}O_2$ 1-Phenyl-4-ethyl*cyclo*hexane-3:5-dione (Mattar, Hastings, and Walker), 2456.

$C_{14}H_{17}N_3$ 4-Piperazino-2-methylquinoline (Kermack and Smith), 1358.

$C_{14}H_{18}O_2$ Ethyl β-(2:4-dimethylphenyl)crotonate (Heilbron and Wilkinson), 2540.

Ethyl β-hydroxy-β-(2:4-dimethylphenyl)butyrate (Heilbron and Wilkinson), 2540.

$C_{14}H_{18}O_4$ Ethyl *p*-methoxybenzylacetoacetate (Goodall and Haworth), 2485.

Methyl β-4-methoxy-2:5-dimethylbenzoylpropionate (Clemo, Haworth, and Walton), 1112.

$C_{14}H_{18}O_5$ Methyl 2:4-dimethoxy-5-ethoxycinnamate (Head and Robertson), 2439.

$C_{14}H_{18}O_8$ 1:2-Dimethyl-Δ^5-*cyclo*hexene-4:5-dimalonic acid (Cawley, Evans, and Farmer), 528.

$C_{14}H_{19}N$ Octahydroheptaquinolines (Plant and Rosser), 1843.

$C_{14}H_{20}O_2$ Ethyl β-(2:4-dimethylphenyl)butyrate (Heilbron and Wilkinson), 2541.

4-*n*-Heptoyl-*m*-cresol (Coulthard, Marshall, and Pyman), 288.

$C_{14}H_{20}O_3$ Ethyl β-hydroxy-β-*o*-tolyl-α-ethylpropionate (Harvey, Heilbron, and Wilkinson), 426.

$C_{14}H_{20}O_4$ Decalin-β-*spirocyclo*propane-1:2-dicarboxylic acids (Rao), 1176.

α-Hydroxy-*trans*-decalin-2:2-diacetic lactones (Rao), 1174.

$C_{14}H_{20}O_5$ α-Keto-*trans*-decalin-2:2-diacetic acid (Rao), 1179.

$C_{14}H_{23}P$ *p*-Ethylphenyldi-*n*-propylphosphine (Jackson, Davies, and Jones), 2300.

$C_{14}H_{24}O_2$ γ-Δ^9-Decenylbutyrolactone (Robinson), 750.

$C_{14}H_{24}O_3$ Ethyl 2-hydroxy-*trans*-decalin-2-acetate (Rao), 1182.

4-Keto-Δ^{13}-tetradecenoic acid (Robinson), 749.

$C_{14}H_{26}O_2$ γ-*n*-Decylbutyrolactone (Robinson), 748.

$C_{14}H_{26}O_3$ 4-Ketomyristic acid (Robinson), 747.

14 III

$C_{14}H_6N_4Cl_8$ ωω′-Dichloroglyoxal di-2:4:6-trichlorophenylosazone (Chattaway and Farinholt), 98.

$C_{14}H_6N_4Br_8$ ωω′-Dibromoglyoxal di-2:4:6-tribromophenylosazone (Chattaway and Farinholt), 98.

$C_{14}H_7O_3Cl$ 2-Chloro-3-hydroxyanthraquinone (Hayashi), 1523.

$C_{14}H_8O_2Cl_2$ 2:2′-Dichlorobenzil (Hodgson and Rosenberg), 16.
$C_{14}H_8O_4S$ 3-Keto-2-*p*-quino-2:3-dihydrothionaphthen-1:1-dioxide hydroxide, and its salts (Cohen and Smiles), 414.
$C_{14}H_8N_2S_2$ Dithiobenzonitriles (McClelland and Warren), 1101.
$C_{14}H_8N_4Cl_6$ *ωω′*-Dichloroglyoxal 2:4-dichlorophenylosazone (Chattaway and Farinholt), 97.
Glyoxal di-2:4:6-trichlorophenylosazone (Chattaway and Farinholt), 97.
$C_{14}H_8N_4Br_6$ *ωω′*-Dibromoglyoxal di-2:4-dibromophenylosazone (Chattaway and Farinholt), 98.
Glyoxal di-2:4:6-tribromophenylosazone (Chattaway and Farinholt), 97.
$C_{14}H_9O_4Cl$ 2-(3′-Chloro-4′-hydroxybenzoyl)benzoic acid (Hayashi), 1522.
$C_{14}H_{10}O_2Cl_2$ 2:2′-Dichlorobenzoin (Hodgson and Rosenberg), 16.
$C_{14}H_{10}O_3S$ 3-Keto-2-phenyl-2:3-dihydrothionaphthen 1:1-dioxide (Cohen and Smiles), 410.
$C_{14}H_{10}O_6N_2$ 2:4-Dinitromethyldiphenyl-6-carboxylic acids (Lesslie and Turner), 1762.
$C_{14}H_{10}O_9N_4$ 2:4:3′:5′-Tetranitro-2′:4′-dimethyldiphenyl ether (Fox and Turner), 1866.
$C_{14}H_{10}N_4Cl_4$ Glyoxal di-2:4-dichlorophenylosazone (Chattaway and Farinholt), 96.
$C_{14}H_{10}N_4Br_4$ Glyoxal di-2:4-dibromophenylosazone (Chattaway and Farinholt), 97.
$C_{14}H_{10}N_4S_2$ Benziminazole 2-disulphide (Everett), 2407.
$C_{14}H_{11}O_2N$ Benzil monoximes, configurations of (Taylor and Marks), 2302.
$C_{14}H_{11}O_3N$ 2:4-Dihydroxyphenyl *o*-nitrobenzyl ketone (Baker), 267.
$C_{14}H_{11}N_2Br_3$ *ω*-Bromobenzaldehyde 3:5-dibromo-*p*-tolylhydrazone (Chattaway and Adamson), 161.
$C_{14}H_{11}N_2S$ 1-Phenylimino-2-methyl-1:2-dihydrobenzthiazole, picrate of (Hunter and Jones), 2204.
1-Phenylmethylaminobenzthiazole, and its picrate (Hunter and Jones), 2205.
$C_{14}H_{12}O_2N_2$ *s*-Dibenzoylhydrazine (Aggarwal and Ray), 493.
$C_{14}H_{12}O_3N_2$ 1-Nitro-3:9-dimethylphenoxazine (Brady and Waller), 1221.
$C_{14}H_{12}O_4S$ *o*-Carboxyphenylbenzylsulphone (Cohen and Smiles), 410.
$C_{14}H_{12}O_5N_2$ 2:4-Dinitro-2′:4′-dimethyldiphenyl ether (Fox and Turner), 1865.
3-Nitro-1:4-dimethoxyphenoxazine (Brady and Waller), 1221.
$C_{14}H_{12}O_7N_2$ *ω*-Diazo-3:4:5-triacetoxyacetophenone (Bradley, Robinson, and Schwarzenbach), 797.
$C_{14}H_{12}O_7N_4$ 3-*O*-Methylgallaldehyde 2:4-dinitrophenylhydrazone (Bradley, Robinson, and Schwarzenbach), 811.
$C_{14}H_{12}N_2Br_2$ *ω*-Bromobenzaldehyde *p*-tolylhydrazone (Chattaway and Adamson), 160.
$C_{14}H_{12}N_2S$ 1-Anilinomethylbenzthiazoles, and their picrates (Hunter and Jones), 2207.
$C_{14}H_{12}N_4Cl_2$ Glyoxal di-*p*-chlorophenylosazone (Chattaway and Farinholt), 96.
$C_{14}H_{12}N_4Br_2$ Glyoxal di-*p*-bromophenylosazone (Chattaway and Farinholt), 97.
$C_{14}H_{13}O_3N_3$ *β*-Nitro-*α*-phenylethyl alcohol phenylhydrazone (Jones and Kenner), 927.
$C_{14}H_{13}O_5N_3$ Dinitro-2′-hydroxydimethyldiphenylamines (Brady and Waller), 1220.
2:4-Dinitro-2′-methoxy-*N*-methyldiphenylamine (Brady and Waller), 1222.
$C_{14}H_{13}O_7N$ Mannose dicarbonate anilide (Haworth and Porter), 155.
$C_{14}H_{13}O_7N_3$ 2:4-Dinitro-2′-hydroxy-3:6-dimethoxydiphenylamine (Brady and Waller), 1220.

$C_{14}H_{13}O_8N_3$ Ethyl dinitro-*O*-ethylstrycholcarboxylate (MENON, PERKIN, and ROBINSON), 837.

$C_{14}H_{14}O_8N_4$ Dinitrostrychylurethane (MENON, PERKIN, and ROBINSON), 838.

$C_{14}H_{15}O_2N$ Ethyl α-cyano-β-ethylcinnamate (HUGH and KON), 780.

Ethyl α-cyano-γ-phenyl-β-methyl-Δα-butenoate (HUGH and KON), 781.

$C_{14}H_{17}O_4N$ Butylvinylcarbinol *p*-nitrobenzoate (BURTON), 250.

$C_{14}H_{17}O_4Br$ Methyl β-bromo-β-4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO, HAWORTH, and WALTON), 1112.

$C_{14}H_{19}ON$ γ-Methyl-Δα-hexenoic-*p*-toluidide (LINSTEAD and MANN), 2072.

$C_{14}H_{19}ON_3$ 5-Keto-1:3:8-trimethyl-5:6:7:8-tetrahydronaphthalene semicarbazone (HEILBRON and WILKINSON), 2541.

$C_{14}H_{20}NCl$ Octahydroheptaquinoline hydrochloride (PLANT and ROSSER), 1842.

$C_{14}H_{21}O_4N$ Ethyl α-cyano-β-*iso*butenylglutarate (FARMER and MEHTA), 1615.

Ethyl α-cyano-βγ-dimethyl-Δγ-pentene-αε-dicarboxylate (FARMER and MEHTA), 1615.

$C_{14}H_{23}Br_3P$ *p*-Ethylphenyldi-*n*-propylphosphine dibromide (JACKSON, DAVIES, and JONES), 2300.

$C_{14}H_{25}ON$ Pellitorine (GULLAND and HOPTON), 6.

Tetrahydropellitorine (GULLAND and HOPTON), 11.

$C_{14}H_{27}ON$ Butyrylmenthylamines (READ and STOREY), 2765.

$C_{14}H_{27}O_2N$ *l*-Menthyl dimethylaminoacetate (RULE, THOMPSON, and ROBERTSON), 1892.

14 IV

$C_{14}H_6N_4Cl_6Br_2$ ωω′-Dibromoglyoxal di-2:4:6-trichlorophenylosazone (CHATTAWAY and FARINHOLT), 98.

$C_{14}H_8O_2NBr$ *N*-*p*-Bromophenylphthalimide (HENLEY and TURNER), 936.

$C_{14}H_8O_{10}N_2S$ Dinitrobenzoylsulphuric acids (DEVERALL and WEBB), 722.

$C_{14}H_8N_4Cl_4Br_2$ ωω′-Dibromoglyoxal di-2:4-dichlorophenylosazone (CHATTAWAY and FARINHOLT), 98.

$C_{14}H_8N_4Br_6Cl_2$ ωω′-Dichloroglyoxal di-2:4:6-tribromophenylosazone (CHATTAWAY and FARINHOLT), 98.

$C_{14}H_9ON_3Cl_2$ 3-Keto-1:2-*endo*-3′:5′-dichloro-*p*-tolylimino-2:3-dihydro-1:2-benz*iso*diazole (CHATTAWAY and ADAMSON), 850.

$C_{14}H_9O_2NBr_4$ 2:4:4′:5′-Tetrabromo-2′-acetamidodiphenyl ether (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1208.

$C_{14}H_9O_2NS$ Thionaphthindole dioxide (COHEN and SMILES), 412.

$C_{14}H_9O_2N_3Cl_4$ ω-Chloronitrobenzaldehyde 3:5:*N*-trichloro-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 846.

3:5-Dichloro-*p*-tolueneazonitrophenyldichloromethanes (CHATTAWAY and ADAMSON), 847.

$C_{14}H_9O_2N_3Br_2$ 3-Keto-1:2-*endo*-3′:5′-dibromo-*p*-tolylimino-2:3-dihydrobenz*iso*diazole 1-oxide (CHATTAWAY and ADAMSON), 163.

$C_{14}H_9O_2BrS$ 2-Bromo-3-keto-2-phenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.

$C_{14}H_9O_5NS$ 3-Keto-2-*o*-nitrophenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 412.

$C_{14}H_{10}ON_2Cl$ 3-Keto-1:2-*endo*-3′-chloro-*p*-tolylimino-2:3-dihydro-1:2-benz*iso*diazole (CHATTAWAY and ADAMSON), 850.

$C_{14}H_{10}ON_2Br$ 3-Keto-1:2-*endo*-3′-bromo-*p*-tolylimino-2:3-dihydro-1:2-benz*iso*diazole (CHATTAWAY and ADAMSON), 162.

$C_{14}H_{10}OClBr$ Chlorobromodeoxybenzoin (TAYLOR and FORSCEY), 2276.

$C_{14}H_{10}O_2NBr_3$ Tribromoacetamidodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1208.

$C_{14}H_{10}O_2N_3Cl$ 3-Keto-1:2-*endo*-3′-chloro-*p*-tolylimino-2:3-dihydro-1:2-benz*iso*diazole 1-oxide (CHATTAWAY and ADAMSON), 850.

$C_{14}H_{10}O_2N_3Cl_3$ ω-Chloronitrobenzaldehyde 3:5-dichloro-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 846.

$C_{14}H_{10}O_2N_3Br$ 3-Keto-1:2-*endo*-3′-bromo-*p*-tolylimino-2:3-dihydro-1:2-benz*iso*diazole 1-oxide (CHATTAWAY and ADAMSON), 162.

$C_{14}H_{10}O_2N_3Br_3$ ω-Bromonitrobenzaldehyde 3:5-dibromo-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 160.

$C_{14}H_{10}O_7N_4Cl$ 4-Chloro-2:3′:5′-trinitro-2′:4′-dimethyldiphenyl ether (FOX and TURNER), 1867.

$C_{14}H_{11}ONCl_2$ 3:5-Dichloro-3′-acetamidodiphenyl (HINKEL and DIPPY), 1389.

$C_{14}H_{11}O_2NBr_2$ Dibromoacetamidodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1207.

$C_{14}H_{11}O_2N_3Cl_2$ ω-Chloronitrobenzaldehyde 3-chloro-*p*-tolylhydrazones (CHATTAWAY and ADAMSON), 848.

$C_{14}H_{11}O_2N_3Br_2$ ω-Bromonitrobenzaldehyde *p*-tolylhydrazones (CHATTAWAY and ADAMSON), 160.

$C_{14}H_{11}O_2N_3S$ 4′-Nitro-1-anilino-5-methylbenzthiazole (HUNTER and JONES), 2208.

$C_{14}H_{11}O_5N_2Cl$ 4-Chloro-2:5′-dinitro-2′:4′-dimethyldiphenyl ether (FOX and TURNER), 1866.

$C_{14}H_{11}O_7N_3S$ *m*-Nitrobenzenesulphon-*p*′-nitroacetanilide (BELL), 1077.

$C_{14}H_{11}N_2BrS$ 4′-Bromo-1-anilino-5-methylbenzthiazole, and its picrate (HUNTER and JONES), 2208.

4′-Bromo-1-phenylmethylaminobenzthiazole, and its picrate (HUNTER and JONES), 2205.

$C_{14}H_{12}O_2NBr$ 5-Bromoacetamidodiphenyl ethers (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1206.

$C_{14}H_{12}O_2N_2S_2$ Dithiobenzamides (MCCLELLAND and WARREN), 1101.

$C_{14}H_{12}O_2N_4Cl_2$ 3:5-Dichloro-*p*-tolyl-*p*-nitrobenzenylhydrazidine (CHATTAWAY and ADAMSON), 848.

$C_{14}H_{12}O_2N_4Br_2$ 3:5-Dibromo-*p*-tolylnitrobenzenylhydrazidines (CHATTAWAY and ADAMSON), 162.

$C_{14}H_{12}O_3NCl$ 4-Chloro-2-nitro-2′:4′-dimethyldiphenyl ether (FOX and TURNER), 1866.

$C_{14}H_{12}O_3NBr$ 4-Bromo-2-nitro-2′:4′-dimethyldiphenyl ether (FOX and TURNER), 1867.

$C_{14}H_{13}O_2N_3S$ *s*-*p*-Nitrophenyl-*p*-tolylthiocarbamide (HUNTER and JONES), 2208.

$C_{14}H_{13}O_2N_4Cl$ 3-Chloro-*p*-tolyl-*p*-nitrobenzenylhydrazidine (CHATTAWAY and ADAMSON), 848.

$C_{14}H_{13}O_2N_4Br$ 3-Bromo-*p*-tolylnitrobenzenylhydrazidines (CHATTAWAY and ADAMSON), 162.

$C_{14}H_{13}N_2BrS$ *s*-*p*-Bromophenyl-*p*-tolylthiocarbamide (HUNTER and JONES), 2208.

S-Methyl-*s*-*p*-bromodiphenylthiocarbamide (HUNTER and JONES), 2210.

s-Phenylmethyl-*p*-bromophenylthiocarbamide (HUNTER and JONES), 2211.

$C_{14}H_{14}Cl_2S_2Pd$ Diphenylthiolethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1671.

$C_{14}H_{16}N_2Cl_2Pd$ Ethylenediphenyldiaminepalladous chloride (BENNETT, MOSSES, and STATHAM), 1675.

$C_{14}H_{16}N_2Cl_2Pt$ Ethylenediphenyldiamineplatinous chloride (BENNETT, MOSSES, and STATHAM), 1675.

$C_{14}H_{19}O_2NS$ *p*-Toluenesulphonamido-*n*-propylbenzene (HICKINBOTTOM and WAINE), 1563.

$C_{14}H_{24}OIP$ *p*-Methoxyphenylmethyldi-*n*-propylphosphonium iodide (JACKSON, DAVIES, and JONES), 2301.

14 V

$C_{14}H_8O_5NBrS$ 2-Bromo-3-keto-2-*p*-nitrophenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.

$C_{14}H_9O_2N_3ClBr_2$ ω-Bromo-*m*-nitrobenzaldehyde *N*-chloro-3:5-dibromo-*p* tolylhydrazone (CHATTAWAY and ADAMSON), 849.

3:5-Dibromo-*p*-tolueneazo-*m*-nitrophenylchlorobromomethane (CHATTAWAY and ADAMSON), 849.

$C_{14}H_{10}O_6N_4S_2As_2$ 5:5′-Arseno-(benziminazole-2-sulphonic acid) (EVERETT), 2407.

$C_{14}H_{12}O_6N_4S_2As_2$ Benziminazole-5-arsinic acid 2-disulphide (EVERETT), 2405.

C_{15} Group.

$C_{15}H_{24}$ Cedrene, action of mercuric acetate on (BELL), 1908.

15 II

$C_{15}H_{10}O_2$ 2-Methylanthraquinone (HAYASHI), 1519.

$C_{15}H_{10}O_4$ Rubiadin (JONES and ROBERTSON), 1705.

$C_{15}H_{12}O_3$ Benzoyltoluic acids (HAYASHI), 1518.

6-Hydroxy-2-benzylcoumaranone (BAKER), 1020.

2-*o*-Toluoylbenzoic acid (FAIRBOURNE and FOSTER), 1276.

$C_{15}H_{12}O_5$ 2-(2′:5′-Dihydroxybenzoyl)toluic acid (HAYASHI), 1527.

4:6-Dihydroxy-2-*p*-methoxyphenylcoumaranone (BAKER), 1018.

$C_{15}H_{13}O_6$ *n*- and *iso*-Carthamidins (KURODA), 760.

$C_{15}H_{14}O$ Di-*o*-tolyl ketone (COOK), 1091.

$C_{15}H_{14}O_3$ *O*-Benzyl*iso*vanillin (LOVECY, ROBINSON, and SUGASAWA), 818.

$C_{15}H_{14}O_4$ *O*-Benzyl*iso*vanillic acid (LOVECY, ROBINSON, and SUGASAWA), 819.

$C_{15}H_{14}S$ Dimethylsulphonium 9-fluorenylidide (INGOLD and JESSOP), 716.

$C_{15}H_{15}N$ 9-Fluorenyldimethylamine (STEVENS), 2115.

$C_{15}H_{15}Br$ αγ-Diphenylpropyl bromide (BREWIN and TURNER), 503.

$C_{15}H_{16}O_2$ α-7-Hydroxy-1-keto-5:8-dimethyl-1:2:3:4-tetrahydronaphthyl-2-propionic lactone (CLEMO, HAWORTH, and WALTON), 1113.

$C_{15}H_{16}O_8$ ω:4:5-Triacetoxy-3-methoxyacetophenone (BRADLEY ROBINSON, and SCHWARZENBACH), 814.

$C_{15}H_{16}O_9$ Æsculin, constitution of (HEAD and ROBERTSON), 2434.

$C_{15}H_{17}N$ Benzhydryldimethylamine, and its salts (STEVENS), 2114.

$C_{15}H_{18}O_2$ 1-Phenyl-4-*n*-propyl*cyclo*hexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2457.

Santonin, constitution of (CLEMO, HAWORTH, and WALTON), 1110; (CLEMO and HAWORTH), 2579.

*desmotropo*Santonins (CLEMO, HAWORTH, and WALTON), 1114.

$C_{15}H_{18}O_4$ α-7-Hydroxy-1-keto-5:8-dimethyl-1:2:3:4-tetrahydronaphthyl-2-propionic acid (CLEMO, HAWORTH, and WALTON), 1114.

$C_{15}H_{18}N_2$ 4-Piperidino-2-methylquinoline, and its salts (KERMACK and SMITH), 1357.

$C_{15}H_{20}O_4$ Ethyl *p*-methoxybenzylmethylacetoacetate (GOODALL and HAWORTH), 2485.

Ethyl β-4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO HAWORTH, and PERKIN), 1112.

$C_{15}H_{22}O_3$ Tetrahydrosantonin (CLEMO and HAWORTH), 2580.

$C_{15}H_{22}O_4$ Ethyl 2-methyl*cyclo*hexane*spirocyclo*hexane-3:5-dione-6-carboxylate (KON and THAKUR), 2227.

$C_{15}H_{22}O_5$ Decalin-β-*spiro*-1-methoxy*cyclo*propane-1:2-dicarboxylic acids (Rao), 1181.

$C_{15}H_{22}O_{10}$ Tetra-acetyl β-methylglucoside, formation of, from 1:2:3:4-tetra-acetyl β-*d*-glucose (Haworth, Hirst, and Teece), 1405.

Tetra-acetyl α-methylmannofuranoside (Haworth, Hirst, and Webb), 656.

Tetra-acetyl β-methylmannopyranoside (Bott, Haworth, and Hirst), 2655.

$C_{15}H_{24}O$ Benzyl octyl ether (Rule and Bain), 1900.

$C_{15}H_{24}O_2$ Deoxytetrahydrosantonin (Clemo and Haworth), 2581.

$C_{15}H_{24}O_4$ Methyl hydrogen *trans*-decalin-2:2-diacetate, and its silver salt (Rao), 1173.

$C_{15}H_{26}O$ Alcohol, from cedrene and mercuric oxide (Bell), 1909.

Clovene alcohol (Bell and Henderson), 1973.

$C_{15}H_{26}O_4$ *l*-Menthyl hydrogen dimethylmalonate (Rule and Harrower), 2324.

$C_{15}H_{28}O_3$ *l*-Menthyl α-methoxy*iso*butyrate (Rule and Harrower), 2326.

$C_{15}H_{28}O_4$ Ethyl *iso*propyl-αγ-dimethyl*iso*propylmalonate (Marshall), 2760.

$C_{15}H_{33}As$ Triamylarsines (Dyke and Jones), 2429.

$C_{15}H_{33}Sb$ Triamylstibines (Dyke, Davies, and Jones), 467.

15 III

$C_{15}H_8O_2Cl_2$ 1:3-Dichloro-2-methylanthraquinone (Jones and Robinson), 1703.

$C_{15}H_9O_3Cl$ Chlorohydroxymethylanthraquinones (Hayashi), 1518, 1527.

$C_{15}H_{10}O_2N_2$ 2-Nitrophenylquinolines (Le Fèvre and Mathur), 2239.

$C_{15}H_{10}O_3Cl_2$ 2:4-Dichloro-3-methylbenzophenone-2′-carboxylic acid (Jones and Robertson), 1702.

$C_{15}H_{10}O_4S$ 3-Keto-2-benzoyl-2:3-dihydrothionaphthen 1:1-dioxide (Cohen and Smiles), 409.

$C_{15}H_{11}OBr$ Phenyl *m*-bromostyryl ketone (Stevens), 2112.

$C_{15}H_{11}O_4Cl$ Chlorohydroxybenzoyltoluic acids (Hayashi), 1516, 1521, 1526.

2-(3′-Chloro-4′-methoxybenzoyl)benzoic acid (Hayashi), 1523.

$C_{15}H_{11}O_7Cl$ Delphinidin chloride (Bradley, Robinson, and Schwarzenbach), 800.

$C_{15}H_{12}O_6N_2$ Ethyl 2:4-dinitrodiphenyl-6-carboxylate (Lesslie and Turner), 1760.

$C_{15}H_{14}O_2N_2$ *N*-Benzoyl-*O*-methylbenzamidoxime (Brady and Muers), 225.

Methylbenzildioximes (Brady and Muers), 220.

O-Methylphenylglyoxylanilideoximes (Brady and Muers), 226.

$C_{15}H_{14}O_5N_4$ Phenylacetylcarbinol 2:4-dinitrophenylhydrazone (Hey), 1233.

$C_{15}H_{14}ClBr$ γ-Phenyl-α-*m*-chlorophenylpropyl bromide (Brewin and Turner), 503.

$C_{15}H_{15}ON$ Benzylidene-β-hydroxyphenylethylamine (Read and Campbell), 2683.

$C_{15}H_{15}OCl$ γ-Phenyl-α-*m*-chlorophenylpropyl alcohol (Brewin and Turner), 503.

$C_{15}H_{15}BrS$ Fluorenyl-9-dimethylsulphonium bromide (Ingold and Jessop), 715.

$C_{15}H_{16}O_2N_2$ *iso*Acetovanillone phenylhydrazone (Coulthard, Marshall, and Pyman), 290.

$C_{15}H_{16}O_3S$ *l*-Phenylmethylcarbinyl *dl*-*p*-toluenesulphinate (Kenyon and Phillips), 1682.

p-Tolyl-α-phenylethylsulphones (Kenyon and Phillips), 1682.

$C_{15}H_{16}O_2Te$ *p*-Anisyl-*p*-phenetyl telluride (Morgan and Burstall), 2601.

$C_{15}H_{16}NBr$ Benzyl-*p*-bromobenzylmethylamine (Stevens, Snedden, Stiller, and Thomson), 2124.

$C_{15}H_{19}ON$ α-Δ^1-*cyclo*Hexenylpropionanilide (Kon and Thakur), 2221.

α-*cyclo*Hexylidenepropionanilide (Kon and Thakur), 2220.

$C_{15}H_{16}ON$ Methyl-Δ^1-*cyclo*hexenylacetanilides (KON and THAKUR), 2222. Methyl*cyclo*hexylideneacetanilides (KON and THAKUR), 2222.

$C_{15}H_{19}ON_3$ 4-Piperazino-6-methoxy-2-methylquinoline (KERMACK and SMITH), 1359.

$C_{15}H_{19}O_4Br$ Ethyl β-bromo-β-4-methoxy-2:5-dimethylbenzoylpropionate (CLEMO, HAWORTH, and WALTON), 1112.

$C_{15}H_{25}OP$ *p* Methoxyphenyldi-*n*-butylphosphine (JACKSON, DAVIES, and JONES), 2301.

$C_{15}H_{28}O_2I_2$ Ethylene $\alpha\gamma$-di-iodohydrin β-laurate (FAIRBOURNE), 379.

$C_{15}H_{29}ON$ *iso*Valeryl-*l*-menthylamine (READ and STOREY), 2765.

$C_{15}H_{33}OSb$ Tri-*n*-amylstibinic oxide (DYKE and JONES), 1926.

$C_{15}H_{33}O_4P$ Tri-*n*-amyl orthophosphate (EVANS, DAVIES, and JONES), 1310.

$C_{15}H_{32}O_4Sb_2$ Tri-*n*-amylstibinic metantimonite (DYKE and JONES), 1926.

$C_{15}H_{33}Cl_2Sb$ Tri-*n*-amylstibinic chloride (DYKE and JONES), 1926.

$C_{15}H_{33}Br_2Sb$ Tri-*n*-amylstibinic bromide (DYKE and JONES), 1926.

15 IV

$C_{15}H_9O_4BrS$ 2-Bromo-3-keto-2-benzoyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 413.

$C_{15}H_{12}ON_2Cl$ 6-*p*-Chlorobenzeneazo-5-hydroxyhydrindene (MILLS and NIXON), 2521.

$C_{15}H_{13}ON_3S$ *s*-5-Methylbenzthiazolylphenylcarbamide (HUNTER and JONES), 2200.

$C_{15}H_{13}O_3N_3S$ 4′-Nitro-1-acetanilidobenzthiazole (HUNTER and JONES), 2206.

$C_{15}H_{13}O_6N_3S$ 5:6-Dinitro-*m*-4-xylyl *o*-nitro-*p*-toluenesulphonate (FOX and TURNER), 1866.

$C_{15}H_{14}ON_2S$ 4′-Ethoxy-1-anilinobenzthiazole (HUNTER and JONES), 2206.

$C_{15}H_{14}O_5N_2S$ *p*-Toluenesulphon-*m*′-nitroacetanilide (BELL), 1077.

$C_{15}H_{14}O_7N_2S$ 2:6-Dinitro-*m*-4-xylyl *p*-toluenesulphonate (FOX and TURNER), 1866.

$C_{15}H_{14}N_2Br_2S$ *s*-Di-*m*-bromo-*p*-tolylthiocarbamide (HUNTER and JONES), 2200.

$C_{15}H_{15}O_3NS$ Toluenesulphonamidoacetophenones (ELSON, GIBSON, and JOHNSON), 1131.

$C_{15}H_{15}O_4NS$ 2-Acetoxy-*p*-toluenesulphonanilide (BELL), 1986.

$C_{15}H_{15}O_5NS$ 5-Nitro-*m*-4-xylyl *p*-toluenesulphonate (FOX and TURNER), 1866.

$C_{15}H_{15}N_2BrS$ *S*-Methyl-*s*-phenylmethyl-*p*-bromophenylthiocarbamide (HUNTER and JONES), 2211.

$C_{15}H_{18}N_2Br_2S$ 1-*p*-Toluidino-5-methylbenzthiazole hydrotribromide (HUNTER), 135.

$C_{15}H_{16}ON_2S$ *p*-Ethoxy-*s*-diphenylthiocarbamide (HUNTER and JONES), 2205.

$C_{15}H_{16}O_2Cl_2Te$ *p*-Anisyl-*p*-phenetyl telluridichloride (MORGAN and BURSTALL), 2601.

$C_{15}H_{21}N_2IS_2$ Thiocarbocyanine from 2:4-dimethylthiazole ethiodide (FISHER and HAMER), 2510.

$C_{15}H_{30}O_2NI$ *l*-Menthyl dimethylaminoacetate methiodide (RULE, THOMPSON, and ROBERTSON), 1892.

15 V

$C_{15}H_{12}ON_2Br_2S$ 3:4′-Dibromo-1-anilino-5-ethoxybenzthiazole (HUNTER and JONES), 2209.

$C_{15}H_{13}ON_2BrS$ Bromo-1-anilinoethoxybenzthiazoles (HUNTER and JONES), 2209.

$C_{15}H_{14}O_4NClS$ Chloro-2-acetamidophenyl *p*-toluenesulphonate (BELL), 1983.

$C_{15}H_{15}ON_2BrS$ *s*-*p*-Bromo-*p*′-ethoxydiphenylthiocarbamide (HUNTER and JONES), 2208.

C_{16} Group.

$C_{16}H_{14}$ Substance, from dichlorodivinylchloroarsine and aluminium chloride (GIBSON and JOHNSON), 2785.

16 II

$C_{16}H_{10}O_4$ Anthracene-1:5-dicarboxylic acid (COULSON), 1933.

$C_{16}H_{11}N_3$ 2-Anilino-3-cyanoquinoline (ISHAQ and RÂY), 2741.

$C_{16}H_{12}O_2$ Methyl anthracene-1-carboxylate (COULSON), 1933.

$C_{16}H_{12}O_4$ 3-*O*-Methylrubiadin (JONES and ROBERTSON), 1705.

$C_{16}H_{12}O_6$ Diosmetin (LOVECY, ROBINSON, and SUGASAWA), 820.

5:7:4′-Trihydroxy-3′-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 822.

$C_{16}H_{12}N_2$ 5-Methyl-2:3-benz-γ-carboline (KERMACK and SMITH), 2003.

$C_{16}H_{12}N_4$ 4-(Benztriazolyl-3′)-2-methylquinoline, and its hydrochloride (KERMACK and SMITH), 2003.

$C_{16}H_{14}O_3$ 5-Acetyl-*o*-tolyl benzoate (COULTHARD, MARSHALL, and PYMAN), 286.

$C_{16}H_{14}O_4$ *iso*Acetovanillone benzoate (COULTHARD, MARSHALL, and PYMAN), 290.

Methyl *O*-benzyl*iso*vanillate (LOVECY, ROBINSON, and SUGASAWA), 819.

$C_{16}H_{14}O_5$ 2-Hydroxy-4-methoxy-3-methylbenzophenone-2′-carboxylic acid (JONES and ROBERTSON), 1704.

$C_{16}H_{15}N_3$ 4-*o*-Aminophenylamino-2-methylquinoline, and its dihydrochloride (KERMACK and SMITH), 2003.

$C_{16}H_{16}O_3$ αβ-Di-*p*-methoxyphenylethylene oxide (READ and CAMPBELL), 2679.

$C_{16}H_{16}O_4$ 5:8-Diacetoxy-1:6-dimethylnaphthalene (HEILBRON and WILKINSON), 2552.

3:3′-Dimethoxybenzoin (HODGSON and ROSENBERG), 17.

$C_{16}H_{16}O_9$ ω-3:4:5-Tetra-acetoxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 797.

$C_{16}H_{17}N$ Benzyl*iso*propenylaniline, and its hydrochloride (SHORT and WATT), 2296.

$C_{16}H_{18}O_2$ *l-iso*Hydrobenzoin ethyl ether (READ and CAMPBELL), 2383.

$C_{16}H_{18}O_4$ Ethyl 1-phenyl-4-methyl*cyclo*hexane-3:5-dione-2-carboxylate (MATTAR, HASTINGS, and WALKER), 2456.

$C_{16}H_{18}O_5$ δ-4-Methoxy-2:5-dimethylbenzoylbutane-βγ-dicarboxylic anhydride (CLEMO, HAWORTH, and WALTON), 1112.

$C_{16}H_{18}O_9$ 7-*O*-Methylæsculin (HEAD and ROBERTSON), 2436.

$C_{16}H_{18}S_2$ 1:4-Diphenylthiolbutane (BENNETT and MOSSES), 2368.

$C_{16}H_{24}O_2$ *l*-β-Octyl phenylacetate (RULE and BAIN), 1900.

$C_{16}H_{24}O_5$ Methyl α-keto-*trans*-decalin-2:2-diacetate (RAO), 1180.

$C_{16}H_{27}P$ *p*-Ethylphenyldi-*n*-butylphosphine (JACKSON, DAVIES, and JONES), 2300.

$C_{16}H_{28}O_4$ 4:13-Diketopalmitic acid (ROBINSON), 751.

Ethyl 1:2-dimethyl*cyclo*hexane-4:5-diacetate (CAWLEY, EVANS, and FARMER), 529.

$C_{16}H_{30}O_2$ δ-Undecylvalerolactone (ROBINSON), 748.

$C_{16}H_{30}O_3$ Ketopalmitic acids (ROBINSON), 748.

$C_{16}H_{34}O$ Methyl-*n*-amyl-*n*-nonylcarbinol (DAVIES, DIXON, and JONES), 470.

Methyl-(β-methylbutyl)-*n*-nonylcarbinol (DAVIES, DIXON, and JONES), 472.

16 III

$C_{16}H_{11}O_2Br$ Methyl bromoanthracene-1-carboxylate (COULSON), 1935.

$C_{16}H_{11}O_3N_3$ ω-Cyano-ω-*o*-nitrobenzylideneacetanilide (ISHAQ and RÂY), 2740.

$C_{16}H_{11}O_4Cl$ 7-Hydroxy-4-carboxyflavylium chloride (ROBINSON and SCHWARZENBACH), 825.

$C_{16}H_{12}O_4N_2$ Hydroxy-*p*-nitrobenzyloxyquinoline (ASHLEY, PERKIN, and ROBINSON), 388.

$C_{16}H_{12}O_4N_2$ 4-Propionylguaiacol *p*-nitrophenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 289.

$C_{16}H_{12}O_4Cl_2$ 2:2′-Dichloro-3:3′-dimethoxybenzil (HODGSON and ROSENBERG), 17.

$C_{16}H_{13}ON$ Benzylidene-*p*-methoxyphenylacetonitrile (GOODALL and HAWORTH), 2486.

$C_{16}H_{13}O_2Cl$ *α*-*p*-Chlorobenzylcinnamic acid (SHOPPEE), 977.

$C_{16}H_{13}O_2Br$ *α*-*p*-Bromobenzylcinnamic acid (SHOPPEE), 978.

$C_{16}H_{13}O_2I$ *α*-*p*-Iodobenzylcinnamic acid (SHOPPEE), 979.

$C_{16}H_{13}O_7Cl$ 3′-*O*-Methyldelphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 815.

$C_{16}H_{14}O_4Cl_2$ 2:2′-Dichloro-3:3′-dimethoxybenzoin (HODGSON and ROSENBERG), 17.

$C_{16}H_{14}O_4S_2$ Diphenylthiol-*mm*′-dicarboxylic acid (BELL and BENNETT), 2.

$C_{16}H_{14}O_5Cl_2$ 2:2-Dichloro-3:3′-dimethoxybenzilic acid (HODGSON and NIXON), 17.

$C_{16}H_{14}O_6N_2$ Ethyl 2:4-dinitromethyldiphenyl-6-carboxylates (LESSLIE and TURNER), 1762.

$C_{16}H_{14}O_6S_2$ 3-Methoxybenzoic acid 4-disulphide (SHAH), 1298.

$C_{16}H_{14}O_6S_2$ Ethylenedi-*o*-carboxyphenylsulphone (COHEN and SMILES), 412.

$C_{16}H_{13}OBr$ *ω*-Bromo-*ω*-*α*-phenylethylacetophenone (STEVENS), 2114.

$C_{16}H_{13}O_2N$ 4-Hydroxy-*N*-phenyl-*αα*-dimethylphthalimidine (CAHN), 991.

$C_{16}H_{15}O_5N$ Di-3:4-methylenedioxyphenylhydroxyethylamine, synthesis and resolution of, and its salts (READ and CAMPBELL), 2680.

$C_{16}H_{15}O_7Br_3$ Tribromonorbarbaloin (GIBSON and SIMONSEN), 560.

$C_{16}H_{16}ON_2$ 6-*p*-Toluenazo-5-hydroxyhydrindene (MILLS and NIXON), 2520.

$C_{16}H_{16}O_2N_2$ *OO*-Dimethyl-*γ*-benzildioxime (BRADY and MUERS), 224.

s-Diphenylacetylhydrazine, preparation of (AGGARWAL and RAY), 492.

$C_{16}H_{16}O_4N_4$ 1:4-Di(nitrophenyl)piperazines (LE FÈVRE), 149.

$C_{16}H_{17}ON$ Acetamidodimethyldiphenyls (MORGAN and WALLS), 1507.

Phenacylbenzylmethylamine, and its picrate (STEVENS, SNEDDEN, STILLER, and THOMSON), 2124.

$C_{16}H_{17}NBr_2$ Di-*p*-bromobenzyldimethylamine, picrate of (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.

$C_{16}H_{18}ON_2$ *o*-*n*-Butyrylphenol phenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 286.

$C_{16}H_{18}O_2Te$ Bis-*p*-phenetyl telluride (MORGAN and BURSTALL), 2600.

$C_{16}H_{18}O_3Te$ Bis-*p*-phenetyl telluroxide (MORGAN and BURSTALL), 2601.

$C_{16}H_{19}N_2S$ *p*-*n*-Propyldiphenylthiocarbamide (HICKINBOTTOM and WAINE), 1563.

$C_{16}H_{19}O_2N$ Ethyl *α*-cyano-*β*-phenyl-*α*-ethyl-*Δβ*-pentenoate (HUGH and KON), 780.

Ethyl *α*-cyano-*γ*-phenyl-*β*-methyl-*α*-ethyl-*Δβ*-butenoate (HUGH and KON), 781.

$C_{16}H_{19}O_3N$ *dl*-Di-*p*-methoxyphenylhydroxyethylamine, and its salts (READ and CAMPBELL), 2677.

$C_{16}H_{20}ON_2$ 4-Piperidino-6-methoxy-2-methylquinoline and its salts (KERMACK and SMITH), 1358.

$C_{16}H_{20}O_2N_2$ Ethylenedi-*p*-methoxyphenyldiamine, and its dihydrochloride (BENNETT, MOSSES, and STATHAM), 1674.

$C_{16}H_{21}ON$ *α*-$Δ^1$-*cyclo*Hexenylpropion-*p*-toluidide (KON and THAKUR), 2221.

α-*cyclo*Hexylidenepropion-*p*-toluidide (KON and THAKUR), 2220.

4-Methyl-$Δ^1$-*cyclo*hexenylacet-*p*-toluidide (KON and THAKUR), 2225.

Methyl*cyclo*hexylideneacet-*p*-toluidides (KON and THAKUR), 2223.

$C_{16}H_{21}O_2N_3$ *l*-Cryptal *p*-nitrophenylhydrazone (PENFOLD and SIMONSEN), 405

$C_{16}H_{21}O_4N$ α-*n*-Hexylallyl *p*-nitrobenzoate (BURTON), 251.
Hydroxycamphoranilic acids (M. and R. SINGH), 1302.
$C_{16}H_{21}O_{10}N$ Penta-acetyl mannononitrile (DEULOFEU), 2606.
$C_{16}H_{27}Br_2P$ *p*-Ethylphenyldi-*n*-butylphosphine dibromide (JACKSON, DAVIES, and JONES), 2300.
$C_{16}H_{31}ON$ *n*-Hexoylmenthylamines (READ and STOREY), 2765.
$C_{16}H_{36}ISb$ Methyltri-*n*-amylstibonium iodide (DYKE and JONES), 1926.

16 IV

$C_{16}H_{12}O_2N_2S$ 1-Phenyl-3-methylthionaphthapyrazole 5:5-dioxide (COHEN and SMILES), 411.
$C_{16}H_{13}O_2N_2Cl$ 2-*m*-Nitrophenylquinoline methochloride (LE FÈVRE and MATHUR), 2239.
$C_{16}H_{13}O_4NS$ 3-Keto-2-*p*-acetylaminophenyl-2:3-dihydrothionaphthen 1:1-dioxide (COHEN and SMILES), 412.
$C_{16}H_{13}O_4N_2Cl_2$ Nitrobenz-β-acetyl-3:5-dichloro-*p*-tolylhydrazides (CHATTAWAY and ADAMSON), 846.
$C_{16}H_{13}O_4N_2Br_2$ Nitrobenz-β-acetyl-3:5-dibromo-*p*-tolylhydrazides (CHATTAWAY and ADAMSON), 161.
$C_{16}H_{14}O_3NBr$ 2-Bromo-2′-diacetamidodiphenyl ether (MCCOMBIE, MACMILLAN, and SCARBOROUGH), 1206.
$C_{16}H_{14}O_3N_2S$ 3-Keto-2-acetyl-2:3-dihydrothionaphthen 1:1-dioxide phenylhydrazone (COHEN and SMILES), 411.
$C_{16}H_{14}O_4N_2Cl$ *p*-Nitrobenz-β-acetyl-3-chloro-*p*-tolylhydrazide (CHATTAWAY and ADAMSON), 848.
$C_{16}H_{14}O_4N_2Br$ *p*-Nitrobenz-β-acetyl-3-bromo-*p*-tolylhydrazide (CHATTAWAY and ADAMSON), 161.
$C_{16}H_{16}ON_2S$ 1-Anilino-4′-ethoxy-5-methylbenzthiazole (HUNTER and JONES), 2208.
$C_{16}H_{17}O_3NS$ Toluenesulphonamidopropiophenones (ELSON, GIBSON, and JOHNSON), 1132.
$C_{16}H_{18}ON_2S$ *s*-*p*-Ethoxyphenyl-*p*-tolylthiocarbamide (HUNTER and JONES), 2207.
$C_{16}H_{18}O_2Br_2Te$ Bis-*p*-phenetyl telluridibromide (MORGAN and BURSTALL), 2601.
$C_{16}H_{18}O_2I_2Te$ Bis-*p*-phenetyl telluridi-iodide (MORGAN and BURSTALL), 2601.
$C_{16}H_{18}Cl_2S_2Pd$ Dibenzyldithiolethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1673.
Di-*p*-tolylthiolethanepalladous chloride (BENNETT, MOSSES, and STATHAM), 1671.
$C_{16}H_{18}Cl_2S_2Pt$ Dibenzyldithiolethaneplatinous chloride (BENNETT, MOSSES, and STATHAM), 1675.
$C_{16}H_{18}I_2S_2Hg$ Dibenzyldithiolethanemercuric iodide (BENNETT, MOSSES, and STATHAM), 1673.
Di-*p*-tolylthiolethanemercuric iodide (BENNETT, MOSSES, and STATHAM), 1673.
$C_{16}H_{19}O_2NS$ *p*-Toluenesulphonylamino-*n*-propylbenzene (HICKINBOTTOM and WAINE), 1563.
$C_{16}H_{20}O_4N_2S_2$ Ethyl-*p*-toluenesulphonimidosulphine-*p*-toluenesulphonylimine (CLARKE, KENYON, and PHILLIPS), 1227.
$C_{16}H_{20}N_2Cl_2Pd$ Ethylenediphenyldimethyldiaminepalladous chloride (BENNETT, MOSSES, and STATHAM), 1676.
$C_{16}H_{28}OIP$ *p*-Methoxyphenyldi-*n*-butylphosphine methiodide (JACKSON, DAVIES, and JONES), 2301.

16 V

$C_{16}H_{12}O_9N_2S_2H_2$ Substance, from oxidation of ethyl-*p*-toluenesulphonimidosulphine-*p*-toluenesulphonylimine (CLARKE, KENYON, and PHILLIPS), 1228.

$C_{16}H_{14}O_{10}N_3S_2As$ 1-Amino-3:6-disulpho-8-naphthol-7-azobenzene-4′-arsinic acid (GOUGH and KING), 679.

$C_{16}H_{15}ON_2BrS$ 3-Bromo-1-anilino-4′-ethoxy-5-methylbenzthiazole (HUNTER and JONES), 2208.

$C_{16}H_{18}O_4N_3S_3As$ Di(carbamidomethyl) 2-sulphonanilidophenylthioarsinite (BARBER), 2052.

$C_{16}H_{20}O_2N_2Cl_2Pd$ Ethylenediphenyldimethyldiaminepalladous chloride (BENNETT, MOSSES, and STATHAM), 1676.

C_{17} Group.

$C_{17}H_{10}O_4$ Benzanthragallol (CROSS and PERKIN), 301.
Triacetylbenzanthragallol (CROSS and PERKIN), 301.

$C_{17}H_{12}O_5$ 3-*O*-Acetylrubiadin (JONES and ROBERTSON), 1706.

$C_{17}H_{13}N_3$ 2-*p*-Toluidino-3-cyanoquinoline (ISHAQ and RÂY), 2741.

$C_{17}H_{14}O_4$ *O*-Dimethylrubiadin (JONES and ROBERTSON), 1703.

$C_{17}H_{14}O_5$ 6-Acetoxy-2-*p*-methoxyphenylcoumaranone (BAKER), 1019.

$C_{17}H_{14}N_2$ Dimethyl-2:3-benz-γ-carbolines (KERMACK and SMITH), 2008.

$C_{17}H_{16}O_2$ α-*p*-Methylbenzylcinnamic acid (SHOPPEE), 975.

$C_{17}H_{16}O_3$ *p*-Butyrylphenyl benzoate (COULTHARD, MARSHALL, and PYMAN), 286.

$C_{17}H_{16}O_4$ Propionylguaiacyl benzoates (COULTHARD, MARSHALL, and PYMAN), 289.

$C_{17}H_{17}N_3$ 4-(β-Phenyl-β-methylhydrazino)-2-methylquinoline (KERMACK and SMITH), 2007.

$C_{17}H_{20}O_3$ 6-Keto-13-ethyloctahydromorphenol methyl ether (CAHN), 704.

$C_{17}H_{22}O_2$ 1-Phenyl-4-*n*-amyl*cyclo*hexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2457.

$C_{17}H_{23}N_4$ *p*-Dimethylaminobenzeneazophenyltrimethylamine, perchlorate of (ZAKI), 1080.

$C_{17}H_{30}O_4$ *l*-Menthyl hydrogen diethylmalonate (RULE and HARROWER), 2325.

$C_{17}H_{32}O_3$ *l*-Menthyl α-methoxy-α-ethylbutyrate (RULE and HARROWER), 2326.

$C_{17}H_{34}O_4$ α-Myristin (FAIRBOURNE), 380.

17 III

$C_{17}H_{11}O_2N_3$ 2-Anilino-3-cyano-6:7-methylenedioxyquinoline (ISHAQ and RÂY), 2741.

$C_{17}H_{12}N_2S$ 1-Anilino-α-naphthathiazole (HUNTER and JONES), 944.
1-β-Naphthylaminobenzthiazole (HUNTER and JONES), 944.

$C_{17}H_{13}O_2N$ 2-Hydroxynaphthanilides (BELL), 1984.

$C_{17}H_{13}O_3N_3$ ω-Cyano-ω-*o*-nitrobenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2741.

$C_{17}H_{14}ON_2$ 15-Methoxy-5-methyl-2:3-benz-γ-carboline (KERMACK and SMITH), 2005.

$C_{17}H_{14}ON_4$ 4-(Benztriazolyl-3′)-6-methoxy-2-methylquinoline, and its hydrochloride (KERMACK and SMITH), 2004.

$C_{17}H_{14}O_2N_2$ ω-Cyano-ω-*m*-methoxybenzylideneacetanilide (ISHAQ and RÂY), 2740.
Substance, from diketohydrindene and nitrosodimethylaniline (ZAKI), 1083.

$C_{17}H_{16}O_2N_2$ 6:7-Dimethoxy-1-benzylphthalazine (AGGARWAL, KHERA, and RÂY), 2355.

$C_{17}H_{16}O_2N_2$ Acetylmethylbenzildioximes (BRADY and MUERS), 220.

$C_{17}H_{16}NI$ 2-Methylacenaphthpyridine methiodide (HAMER), 999.

$C_{17}H_{17}ON_3$ 4-Aminoanilino-6-methoxy-2-methylquinolines (SLATER), 1210.
4-*o*-Aminophenylamino-6-methoxy-2-methylquinoline (KERMACK and SMITH), 2004.

$C_{17}H_{18}O_4N_2$ ω-Dimethylamino-ω-*p*-nitrobenzylacetophenone (STEVENS, SNEDDEN, STILLER, and THOMSON), 2123.

α-Phenylacetyl-β-veratrylidenehydrazine (AGGARWAL, KHERA, and RÂY), 2355.

$C_{17}H_{19}ON_3$ *o*-Acetamidoacetophenone phenylmethylhydrazone (KERMACK and SMITH), 2007.

$C_{17}H_{19}O_3N$ γ-*o*-Tolylpropyl alcohol urethane (HARVEY, HEILBRON, and WILKINSON), 428.

$C_{17}H_{20}ON_2$ Anhydroangustione phenylhydrazone (GIBSON, PENFOLD, and SIMONSEN), 1193.

Butyrylcresol phenylhydrazones (COULTHARD, MARSHALL, and PYMAN), 286.

$C_{17}H_{20}O_2N_2$ 4-*n*-Butyrylguaiacol phenylhydrazone (COULTHARD, MARSHALL, and PYMAN), 289.

$C_{17}H_{20}O_3N_2$ α-Phenylacetyl-β-4:5-dimethoxybenzylhydrazine (AGGARWAL, KHERA, and RÂY), 2355.

$C_{17}H_{20}N_2S$ *p-terl.*-Butyldiphenylthiocarbamide (HICKINBOTTOM and PRESTON), 1569.

$C_{17}H_{21}O_3N$ Camphoromethoxyphenylimides (M. and R. SINGH), 1302.

$C_{17}H_{22}N_2S$ *p-iso*Butyldiphenylthiocarbamide (HICKINBOTTOM and PRESTON), 1570.

$C_{17}H_{23}ON$ Benzoylpiperitylamines (READ and STOREY), 2776.

$C_{17}H_{23}O_4N$ Methoxycamphoranilic acids (M. and R. SINGH), 1302.

$C_{17}H_{23}O_5N$ Ethyl (hydroxymethyl)ethylmalonatephenylcarbamate (WELCH), 260.

$C_{17}H_{29}OP$ *p*-Methoxyphenyldi-*n*-amylphosphine (JACKSON, DAVIES, and JONES), 2301.

17 IV

$C_{17}H_{11}N_2BrS$ 1-*p*-Bromoanilino-α-naphthathiazole (HUNTER and JONES), 946.

$C_{17}H_{13}O_2N_2Cl_3$ δ-Chloro-α-ketobutaldehyde *N*-benzoyl-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 92.

$C_{17}H_{15}N_2ClS_2$ 2:2′-Dimethylthiocyanine chloride (FISHER and HAMER), 2508.

$C_{17}H_{15}N_2BrS_2$ 2:2′-Dimethylthiocyanine bromide (FISHER and HAMER), 2508.

$C_{17}H_{15}N_2IS_2$ 2:2′-Dimethylthiocyanine iodide (FISHER and HAMER), 2508.

$C_{17}H_{16}ON_4Cl_4$ α-Keto-β-methoxybutaldehyde 2:4-dichlorophenylosazone (CHATTAWAY and IRVING), 92.

$C_{17}H_{16}ON_4Br_4$ α-Keto-β-methoxybutaldehyde 2:4-dibromophenylosazone (CHATTAWAY and IRVING), 94.

$C_{17}H_{16}O_4N_3F$ 4-Fluoro-2:3′-dinitro-4′-piperidinodiphenyl (LE FÈVRE and TURNER), 1162.

$C_{17}H_{17}ON_2Br$ Anhydrodehydroangustione *p*-bromophenylhydrazone (GIBSON, PENFOLD, and SIMONSEN), 1199.

$C_{17}H_{17}O_4NS$ 2-Phenylquinoline methosulphate (Le FÈVRE and MATHUR), 2238.

$C_{17}H_{17}O_4N_2As$ 6′-Methoxy-2′-methyl-4′-quinolylaminophenylarsinic acids (SLATER), 1211.

$C_{17}H_{18}ONBr$ *p*-Bromo-ω-dimethylamino-ω-benzylacetophenone (STEVENS), 2116.

ω-Dimethylamino-ω-*m*-bromobenzylacetophenone (STEVENS), 2112.

ω-Dimethylamino-ω-*p*-bromobenzylacetophenone (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.

$C_{17}H_{18}O_3N_2S_2$ *p*-Cyanobenzylethylsulphine-*p*-toluenesulphonylimine (MANN), 1751.

$C_{17}H_{19}ONBr_2$ *p*-Bromophenacylbenzyldimethylammonium bromide (STEVENS) 2116.

Phenacyl-*m*-bromobenzyldimethylammonium bromide (STEVENS), 2112.

Phenacyl-*p*-bromobenzyldimethylammonium bromide (STEVENS, SNEDDEN, STILLER, and THOMSON), 2122.

$C_{17}H_{19}ON_2Br$ Anhydroangustione *p*-bromophenylhydrazone (GIBSON, PENFOLD, and SIMONSEN), 1193.

$C_{17}H_{19}O_3NS$ Toluenesulphonamido-*n*-butyrophenone (ELSON, GIBSON, and JOHNSON), 1134.

$C_{17}H_{19}O_3N_2Br$ Phenacyl-*p*-nitrobenzyldimethylammonium bromide (STEVENS, SNEDDEN, STILLER, and THOMSON), 2123.

$C_{17}H_{21}O_2NS$ *sec*-Butyltoluenesulphonanilides (SHOESMITH and MCGECHEN), 2236.

p-Toluenesulphonamido*iso*butylbenzene (HICKINBOTTOM and PRESTON), 1570.

p-Toluenesulphonamido-*tert.*-butylbenzene (HICKINBOTTOM and PRESTON), 1569.

p-Toluenesulphonyl*iso*butylaniline (HICKINBOTTOM), 994.

$C_{17}H_{21}O_6N_2Cl$ *l*-Menthyl 2-chloro-3:5-dinitrobenzoate (LESSLIE and TURNER), 1761.

$C_{17}H_{21}SI_3Hg$ Dibenzyl-*n*-propylsulphonium mercuritri-iodide (CAVELL and SUGDEN), 2577.

$C_{17}H_{29}OBr_2P$ *p*-Methoxyphenyldi-*n*-amylphosphine dibromide (JACKSON, DAVIES, and JONES), 2301.

17 V

$C_{17}H_{12}O_3NS_2As$ 1-Benzamido-3:6-disulphonaphthalene-4′-arsinous acid, and its sodium salt (GOUGH and KING), 679.

$C_{17}H_{13}O_2N_2ClBr_2$ β-Chloro-α-ketobutaldehyde *N*-benzoyl-2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 94.

$C_{17}H_{14}O_{10}NS_2As$ 1-Benzamido-3:6-disulphonaphthalene-4′-arsinic acid (GOUGH and KING), 679.

1-Benzamido-3:6-disulpho-8-naphthol-4′-arsinous acid (GOUGH and KING), 680.

$C_{17}H_{14}O_{11}NS_2As$ 1-Benzamido-3:6-disulpho-8-naphthol-4′-arsinic acid (GOUGH and KING), 680.

$C_{17}H_{20}O_3NCl_4I$ Morphine tetrachloroiodide (CHATTAWAY and PARKES), 1004.

$C_{17}H_{22}O_4NCl_4I$ Cocaine tetrachloroiodide (CHATTAWAY and PARKES), 1004.

C_{18} Group.

$C_{18}H_{12}O_4$ 1:5-Diacetylanthraquinone (COULSON), 1935.

$C_{18}H_{14}O_4$ 4-Acetoxy-1:2-dimethylanthraquinone (FAIRBOURNE and FOSTER), 1275.

Acetyl-4-hydroxy-9-anthranol (CROSS and PERKIN), 306.

$C_{18}H_{14}O_5$ Acetyl-*O*-methylrubiadin (JONES and ROBERTSON), 1705.

$C_{18}H_{16}Si$ Triphenylsilicane, preparation of (KIPPING and SHORT), 1029.

$C_{18}H_{19}O_3$ 6-Methoxy-13-vinyltetrahydromorphenol methyl ether (CAHN), 704.

$C_{18}H_{18}O_4$ 4-*n*-Butyrylguaiacyl benzoate (COULTHARD, MARSHALL, and PYMAN), 289.

βγ-Diphenyladipic acids, stereoisomeric (OOMMEN and VOGEL), 2148.

$C_{18}H_{20}O_5$ Hydroxytrimethoxy-β-phenylpropiophenones (JOHNSON and ROBERTSON), 23, 26.

$C_{18}H_{22}N_4$ Ethyl-*o*-aminophenylketazine (ELSON, GIBSON, and JOHNSON), 1135.

$C_{18}H_{24}O_6$ Methyl δ-4-methoxy-2:5-dimethylbenzoylbutane-βγ-dicarboxylate (CLEMO, HAWORTH, and WALTON), 1113.

$C_{18}H_{24}N_2$ *p*-Dimethylaminobenzylidene-*p*-aminophenyltrimethylamine, perchlorate of (ZAKI), 1080.

$C_{18}H_{31}P$ *p*-Ethylphenyldi-*n*-amylphosphine (JACKSON, DAVIES, and JONES), 2300.

$C_{18}H_{33}As$ Tri*iso*hexylarsine (DYKE and JONES), 2430.

$C_{18}H_{33}Sb$ Tri-*n*-hexylstibine (DYKE, DAVIES, and JONES), 467.

18 III

$C_{18}H_{13}O_5N$ ω-Cyano-ω-6-nitro-3:4-methylenedioxybenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2741.

$C_{18}H_{15}O_2N$ 12:13-Dimethoxy*iso*indenoquinoline (CLEMO and JOHNSON), 2137.

$C_{18}H_{15}O_2N_3$ 2-Anilino-3-cyano-6:7-dimethoxyquinoline (ISHAQ and RÂY), 2741.

$C_{18}H_{15}O_4Cl$ 7-Hydroxy-4-carbethoxyflavylium chloride (ROBINSON and SCHWARZENBACH), 825.

$C_{18}H_{16}ON_2$ 1:6-Dimethyl-α-naphthaquinone phenylhydrazone (HEILBRON and WILKINSON), 2552.

$C_{18}H_{16}ON_4$ 4-(Benztriazolyl-3′)-6-methoxy-2:3-dimethylquinoline (KERMACK and SMITH), 2006.

$C_{18}H_{16}O_2N_2$ ω-Cyano-ω-*m*-methoxybenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2740.

$C_{18}H_{16}O_2Cl_2$ *meso*-βγ-Diphenyladipyl chloride (OOMMEN and VOGEL), 2151.

$C_{18}H_{16}O_3N_2$ ω-Cyano-ω-3:4-dimethoxybenzylideneacetanilide (ISHAQ and RÂY), 2740.

$C_{18}H_{17}O_2Cl$ Ethyl α-*p*-chlorobenzylcinnamate (SHOPPEE), 977.

$C_{18}H_{17}O_2Br$ Ethyl α-*p*-bromobenzylcinnamate (SHOPPEE), 978.

$C_{18}H_{17}O_2I$ Ethyl *p*-iodo-α-benzylcinnamate and α-*p*-iodobenzylcinnamate (SHOPPEE), 980.

$C_{18}H_{17}O_3N$ 4-Acetoxy-*N*-phenyl-αα-dimethylphthalimidine (CAHN), 992.

4-Hydroxy-3-homoveratrylquinoline (CLEMO and JOHNSON), 2135.

4-Keto-3-veratrylidene-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2136.

$C_{18}H_{17}O_7Cl$ Trimethyldelphinidin chlorides (BRADLEY, ROBINSON, and SCHWARZENBACH), 808.

$C_{18}H_{18}O_4S_2$ Dimethyl diphenylthiolethane-*mm*′-dicarboxylate (BELL and BENNETT), 2.

$C_{18}H_{18}O_6S_2$ Dimethyl diphenylthiolethanedicarboxylate dioxides (BELL and BENNETT), 3.

$C_{18}H_{18}N_4S_2$ 2:2′-Dithiodiphenyl-4:5-dihydroglyoxalines (MCCLELLAND and WARREN), 1101.

$C_{18}H_{19}ON_3$ 4-*o*-Aminophenylamino-6-methoxy-2:3-dimethylquinoline, and its hydrochlorides (KERMACK and SMITH), 2006.

$C_{18}H_{19}O_2N$ Dimethylaminobenzylcinnamic acids (SHOPPEE), 983.

2:4-Dimethylcinnamyl phenylurethane (BURTON), 252.

α-*m*-4-Xylylallyl phenylurethane (BURTON), 252.

$C_{18}H_{20}ON_2$ 1-Phenylcarbamyl-3:4-dimethyl-1:2:3:4-tetrahydroquinoline (PLANT and ROSSER), 2449.

$C_{18}H_{21}ON$ ω-Dimethylamino-ω-α-phenylethylacetophenones (STEVENS), 2113.

$C_{18}H_{21}O_2N$ ω-Dimethylamino-ω-*p*-methoxybenzylacetophenone (STEVENS), 2112.

γ-(2:4-Dimethylphenyl)propyl urethane (HEILBRON and WILKINSON), 2539.

$C_{18}H_{21}O_4N$ Acetyldi-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2677.

$C_{18}H_{22}ON_2$ Valerylcresol phenylhydrazones (COULTHARD, MARSHALL, and PYMAN), 287.

$C_{18}H_{23}O_3N$ Phenacyl-*p*-methoxybenzyldimethylamine, picrate of (STEVENS), 2112.

$C_{18}H_{23}O_3N_3$ 6-Keto-13-ethyloctahydromorphenol methyl ether semicarbazone (CAHN), 705.

$C_{18}H_{25}ON$ Phenylacetyl-*l*-piperitylamine (READ and STOREY), 2777.

$C_{18}H_{25}O_2N$ Anisoylpiperitylamines (READ and STOREY), 2776.

$C_{18}H_{25}O_2N$ Camphoroethoxyphenylimides (M. and R. SINGH), 1303.

$C_{18}H_{25}O_4N$ Ethoxycamphoranilic acids (M. and R. SINGH), 1303.

$C_{18}H_{26}ON_4$ Azoxybenzene-*pp*′-bistrimethylamine, salts of (ZAKI), 1081.

$C_{18}H_{27}ON$ Phenylacetyl-*d*-*iso*menthylamine (READ and STOREY), 2765.
$C_{18}H_{28}O_4Br_2$ *trans*-Decalin-2:2-dibromoacetic acid (RAO), 1178.
$C_{18}H_{35}ON$ *n*-Octoyl-*d*-*iso*menthylamine (READ and STOREY), 2765.

18 IV

$C_{18}H_{11}O_{10}N_3S$ Tetranitrobenzenesulphonamidodiphenyls (BELL), 1074.
$C_{18}H_{12}O_2N_4Cl_6$ Diacetylglyoxal di-2:4:6-trichlorophenylosazone (CHATTAWAY and FARINHOLT), 97.
$C_{18}H_{12}O_2N_4Br_6$ Diacetylglyoxal di-2:4:6-tribromophenylosazone (CHATTAWAY and FARINHOLT), 97.
$C_{18}H_{12}O_8N_4S$ 3:5-Dinitro-2-*m*-nitrobenzenesulphonamidodiphenyl (BELL), 1074.
$C_{18}H_{12}O_{10}N_4S_2$ Di-*m*-nitrobenzenesulphon-*m*′-nitroanilide (BELL), 1077.
$C_{18}H_{13}O_6N_3S$ Dinitrobenzenesulphonamidodiphenyls (BELL), 1074.
$C_{18}H_{14}O_2N_4Cl_4$ Diacetylglyoxal di-2:4-dichlorophenylosazone (CHATTAWAY and FARINHOLT), 97.
$C_{18}H_{14}O_2N_4Br_4$ Diacetylglyoxal di-2:4-dibromophenylosazone (CHATTAWAY and FARINHOLT), 97.
$C_{18}H_{14}O_4N_2S$ Nitrobenzenesulphonamidodiphenyls (BELL), 1074.
$C_{18}H_{16}O_2NCl$ 4-Chloro-3-homoveratrylquinoline (CLEMO and JOHNSON), 2136.
$C_{18}H_{14}O_2N_4Cl_2$ Diacetylglyoxal di-*p*-chlorophenylosazone (CHATTAWAY and FARINHOLT), 97.
$C_{18}H_{14}O_2N_4Br$ Diacetylglyoxal di-*p*-bromophenylosazone (CHATTAWAY and FARINHOLT), 97.
$C_{18}H_{15}O_3NBr$ 4-Hydroxy-3-(6′-bromohomoveratryl)quinoline (CLEMO and JOHNSON), 2135.
$C_{18}H_{17}O_6NS$ 4-Hydroxy-3-homoveratrylquinoline-6′-sulphonic acid (CLEMO and JOHNSON), 2136.
$C_{18}H_{18}ON_4Cl_4$ α-Keto-β-ethoxybutaldehyde-2:4-dichlorophenylhydrazone (CHATTAWAY and IRVING), 93.
$C_{18}H_{18}ON_4Br_4$ α-Keto-β-ethoxybutaldehyde 2:4-dibromophenylhydrazone (CHATTAWAY and IRVING), 94.
$C_{18}H_{18}O_4N_2S$ 5-Methyl-2:3-benz-γ-carboline methosulphate (KERMACK and SMITH), 2008.
$C_{18}H_{22}ONBr$ Phenacyl-α-phenylethyldimethylammonium bromide (STEVENS), 2113.
$C_{18}H_{22}O_2NBr$ Phenacyl-*p*-methoxybenzyldimethylammonium bromide (STEVENS), 2112.
$C_{18}H_{23}O_5NS$ 2-*d*-Camphorsulphonoxyacetanilide (BELL), 1987.
$C_{18}H_{39}SI_3Hg$ Dibenzyl-*n*-butylsulphonium mercuritri-iodide (CAVELL and SUGDEN), 2578.
$C_{18}H_{32}OIP$ *p*-Methoxyphenyldi-*n*-amylphosphine methiodide (JACKSON, DAVIES, and JONES), 2301.

18 V

$C_{18}H_{14}O_4N_4S_2As_2$ 5:5′-Arseno-(2-carboxymethylthiolbenziminazole) (EVERETT), 2407.
$C_{18}H_{15}O_2NClBr$ 4-Chloro-3-(6′-bromohomoveratryl)quinoline (CLEMO and JOHNSON), 2136.
$C_{18}H_{16}O_2N_6S_2As_2$ 5:5′-Arseno-(2-carbamylmethylthiolbenziminazole) (EVERETT), 2407.

C_{19} Group.

$C_{19}H_{14}$ 3-Methyl-1:2-benzanthracene (COOK), 1093.

19 II

$C_{19}H_{14}O_6$ Anhydro-5-hydroxy-7-acetoxy-4-α-hydroxy-*p*-methoxybenzylcoumarin (BAKER), 1018.

$C_{19}H_{15}Br$ Triphenylbromomethane, additive compounds of metallic bromides with (THOMAS, BOWDEN, and JONES), 477.

$C_{19}H_{16}O_5$ 3:6-Diacetoxy-2-benzylcoumarone (BAKER), 1020.

$C_{19}H_{16}O_7$ 6-Hydroxy-5:7:4′-trimethoxy-4-carboxyflavylium betaine (ROBINSON and SCHWARZENBACH), 826.

$C_{19}H_{18}O_2$ 1:2-Diphenyl-4-methyl*cyclo*hexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2458.

1-Phenyl-4-benzyl*cyclo*hexane-3:5-dione (MATTAR, HASTINGS, and WALKER), 2458.

$C_{19}H_{18}O_5$ Piperonylidenedehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1199.

$C_{19}H_{18}O_6$ Scutellarein tetramethyl ether (ROBINSON and SCHWARZENBACH), 829.

$C_{19}H_{20}O_2$ Ethyl α-*p*-methylbenzylcinnamate (SHOPPEE), 975.

$C_{19}H_{20}O_4$ 4-*n*-Valerylguaiacyl benzoate (COULTHARD, MARSHALL, and PYMAN), 289.

$C_{19}H_{20}O_5$ Piperonylideneangustione (GIBSON, PENFOLD, and SIMONSEN), 1194.

$C_{19}H_{22}O_3$ Di-*p*-methoxybenzylacetone (GOODALL and HAWORTH), 2485.

$C_{19}H_{27}N_3$ Benzylideneaniline-*pp*′-bistrimethylamine, perchlorate of (ZAKI), 1083.

$C_{19}H_{30}O$ Cetyl allyl ether (DAVIES, HEILBRON, and OWENS), 2545.

$C_{19}H_{40}O_3$ Cetyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2545.

19 III

$C_{19}H_{15}O_3N$ 2-Acetoxy-α-naphthanilide (BELL), 1986.

$C_{19}H_{17}O_2N_3$ 2-*p*-Toluidino-3-cyano-6:7-dimethoxyquinoline (ISHAQ and RÂY), 2741.

$C_{19}H_{17}O_5N_3$ ω-Cyano-ω-6-nitro-3:4-dimethoxybenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2741.

$C_{19}H_{19}O_3N_3$ ω-Cyano-ω-3:4-dimethoxybenzylideneaceto-*p*-toluidide (ISHAQ and RÂY), 2740.

$C_{19}H_{19}O_3N_3$ 4-Acetylamidoanilino-6-methoxy-2-methylquinolines (SLATER), 1211.

$C_{19}H_{20}ON_2$ *p*-α-Naphtholazophenyltrimethylamine, perchlorate of (ZAKI), 1080.

$C_{19}H_{20}O_4N_2$ 6:7:3′:4′-Tetramethoxy-1-benzylphthalazine, and its picrate (AGGARWAL, KHERA, and RÂY), 2356.

$C_{19}H_{21}N_4Cl$ *p*-α-Aminonaphthaleneazophenyltrimethylammonium chloride (ZAKI), 1080.

$C_{19}H_{22}ON_2$ Cinchonidine, dissociation constant of (PRIDEAUX and WINFIELD), 1587.

Cinchonine, dissociation constant of (PRIDEAUX and WINFIELD), 1587.

$C_{19}H_{22}O_5N_4$ α-Ethyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2544.

$C_{19}H_{25}O_3N$ *dl*-β-Hydroxy-β-phenylethylamino-*d*-methylenecamphor (READ and CAMPBELL), 2683.

19 IV

$C_{19}H_{13}ONCl_2$ *N*-*p*-Chlorophenylbenzimino-*p*-chlorophenyl ether (CHAPMAN), 2462.

$C_{19}H_{14}O_{10}N_4S_2$ Di-*m*-nitrobenzenesulphonnitrotoluidides (BELL), 1077.

$C_{19}H_{15}O_8N_3S_2$ *m*-Nitrobenzenesulphon-*p*-toluenesulphon-*m*′-nitroanilide (BELL) 1077.

$C_{19}H_{19}N_2ClS_2$ 2:2′-Diethylthiocyanine chloride (FISHER and HAMER), 2507.

$C_{19}H_{19}N_2BrS_2$ 2:2′-Diethylthiocyanine bromide (FISHER and HAMER), 2507.

$C_{19}H_{19}N_2IS_2$ 2:2′-Diethylthiocyanine iodide (FISHER and HAMER), 2507.

$C_{19}H_{20}O_4N_2S$ Dimethyl-2:3-benzcarboline methosulphates (KERMACK and SMITH), 2009.

$C_{19}H_{20}O_6NCl$ 4-Carbamyl-5:6:7:4′-tetramethoxyflavylium chloride (ROBINSON and SCHWARZENBACH), 828.

$C_{19}H_{26}O_3NI$ *dl*-Di-*p*-methoxyphenylhydroxyethyltrimethylammonium iodide (READ and CAMPBELL), 2679.

19 V

$C_{19}H_{13}O_2NBr_2S$ 3:4′-Dibromo-4-*p*-toluenesulphonamidodiphenyl (BELL), 1076.

$C_{19}H_{15}O_2NBrS$ 5-Bromo-2-*p*-toluenesulphonamidodiphenyl (BELL), 1076.

$C_{19}H_{19}O_2NCl$ 4-Chloro-3-homoveratrylquinoline methiodide (CLEMO and JOHNSON), 2136.

$C_{19}H_{24}ON_2Cl_8I_2$ Cinchonine tetrachloroiodide (CHATTAWAY and PARKES), 1003.

C_{20} Group.

$C_{20}H_{14}$ Acenaphthanthracene (COOK), 1095.

Phenylanthracenes (COOK), 1091.

$C_{20}H_{18}$ 1:5-Di*iso*propenylanthracene (COULSON), 1935.

20 II

$C_{20}H_{12}O_4$ Phenolphthalein, constitution of, and its fading in alkaline solution (LUND), 1844.

$C_{20}H_{14}O_2$ 1:2-Benzanthranyl 10-acetate (COOK), 1093.

$C_{20}H_{16}O$ 2-*o*-Toluoyldiphenyl (COOK), 1091.

$C_{20}H_{16}O_4$ Benzanthragallol trimethyl ether (CROSS and PERKIN), 302.

$C_{20}H_{16}O_6$ Acetyl-4:5-dihydroxy-9-anthranol (CROSS and PERKIN), 307.

1:2-Diacetoxy-9-anthranyl acetate (CROSS and PERKIN), 305.

Ethyl anthraquinone-1:5-dicarboxylate (COULSON), 1934.

$C_{20}H_{18}O_4$ Ethyl anthracene-1:5-dicarboxylate (COULSON), 1933.

$C_{20}H_{18}O_5$ *o*-Hydroxy-2-xyloylbenzoic acid diacetate (FAIRBOURNE and FOSTER), 1275.

$C_{20}H_{18}O_7$ 2:4-Diacetoxy-*O*-acetylbenzoin (BAKER), 1019.

5:6:7:4′-Tetramethoxy-4-carboxyflavylium betaine (ROBINSON and SCHWARZENBACH), 826.

$C_{20}H_{18}O_8$ Dicarbethoxy-2:3:4-trihydroxy-9-anthranol (CROSS and PERKIN), 304.

2-β-Glucosidoxyanthraquinone (ROBERTSON), 1138.

1-Hydroxy-2:3-diethylcarbonato-9-anthranol (CROSS and PERKIN), 304.

$C_{20}H_{20}O_5$ 5:7:4′-Trimethoxy-3-benzyl-2-methyl-1:4-benzopyrone (JOHNSON and ROBERTSON), 24.

$C_{20}H_{22}O_2$ 1:5-Di*iso*propylolanthracene (COULSON), 1934.

$C_{20}H_{22}O_4$ 4-*n*-Hexoylguaiacyl benzoate (COULTHARD, MARSHALL, and PYMAN), 289.

$C_{20}H_{22}O_6$ 6-Acetoxy-2:4:4′-trimethoxy-β-phenylpropiophenone (JOHNSON and ROBERTSON), 23.

β-Carthamidin pentamethyl ether (KURODA), 766.

$C_{20}H_{24}O_2$ *iso*Anethole, structure of (GOODALL and HAWORTH), 2482.

$C_{20}H_{26}N_4$ *n*-Propyl-*o*-aminophenylketazine (ELSON, GIBSON, and JOHNSON), 1135.

20 III

$C_{20}H_{12}O_2S_2$ Dehydro-2-naphthol 1-disulphide (STEVENSON and SMILES), 1745.

$C_{20}H_{15}O_9Br_3$ Tribromobarbaloin (GIBSON and SIMONSEN), 558.

$C_{20}H_{16}O_2S$ 9-Fluorenyl-*p*-tolylsulphone (INGOLD and JESSOP), 710.

$C_{20}H_{17}O_4Br$ Ethyl 9-bromoanthracene-1:5-dicarboxylate (COULSON), 1936.

$C_{20}H_{19}O_4N$ 4-Keto-1-acetyl-3-veratrylidene-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2137.

$C_{20}H_{19}O_7N$ *l*-Diacetyldi-3:4-methylenedioxyphenylhydroxyethylamine (READ and CAMPBELL), 2681.

$C_{20}H_{21}O_4N$ 4-Keto-1-acetyl-3-homoveratryl-1:2:3:4-tetrahydroquinoline (CLEMO and JOHNSON), 2137.

Sinactine, constitution of (GOTO and KITASATO), 1236.

$C_{20}H_{22}O_4N_2$ 4-Keto-1-acetyl-3-homoveratryl-1:2:3:4-tetrahydroquinoline oxime (CLEMO and JOHNSON), 2137.

$C_{20}H_{23}ON$ ω-Piperidino-ω-benzylacetophenone (STEVENS), 2117.

$C_{20}H_{23}O_2N$ Ethyl dimethylaminobenzylcinnamates (SHOPPEE), 983.

$C_{20}H_{23}O_5N$ Diacetyldi-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2677.

$C_{20}H_{24}O_2N_2$ Quinine, dissociation constant of (PRIDEAUX and WINFIELD), 1587.

$C_{20}H_{24}O_4N_2$ Diacetyl derivative of ethylenedi-*p*-methoxydiamine (BENNETT, MOSSES, and STATHAM), 1674.

$C_{20}H_{24}O_5N_2$ α-Propyl glyceryl ether diphenylmethane (DAVIES, HEILBRON, and OWENS), 2545.

20 IV

$C_{20}H_{13}O_2BrS$ 6-Bromo-2:2′-dihydroxydi-1-naphthyl sulphide (STEVENSON and SMILES), 1744.

$C_{20}H_{16}O_3N_5Ag$ Bis-*aa*′-dipyridylargentous nitrate (MORGAN and BURSTALL), 2596.

$C_{20}H_{17}O_3NS$ Benzylideneaminophenyl *p*-toluenesulphonates (BELL), 1984.

2-*p*-Toluenesulphonyl-1-phenyldihydrobenzoxazole (BELL), 1984.

$C_{20}H_{17}O_{12}N_8AsS_2$ Tris-*aa*′-dipyridylargentosoargentic nitrate (MORGAN and BURSTALL), 2597.

$C_{20}H_{18}O_6N_2S_2$ Di-*p*-toluenesulphon-*m*′-nitroanilide (BELL), 1077.

$C_{20}H_{19}O_4NS_2$ Di-*p*-toluenesulphonanilide (BELL), 1077.

$C_{20}H_{19}O_5NS_2$ 2-*p*-Toluenesulphonoxy-*p*-toluenesulphonanilide (BELL), 1986.

$C_{20}H_{20}O_4N_2S_3$ Phenyl-*p*-toluenesulphonimidosulphine-*p*-toluenesulphonylimine (CLARKE, KENYON, and PHILLIPS), 1229.

$C_{20}H_{20}N_4I_2Cu$ Tetrapyridinocupric iodide (KING), 2314.

$C_{20}H_{21}O_6NS$ Substance, from *p*-aldehydophenyltrimethyl ammonium methosulphate and diketohydrindene (ZAKI), 1083.

$C_{20}H_{24}ONBr$ Phenacylbenzylpiperidinium bromide (STEVENS), 2117.

$C_{20}H_{30}I_4S_2Hg$ Phenyldiethylsulphonium mercuritetraiodide (BALFE, KENYON, and PHILLIPS), 2564.

$C_{20}H_{30}I_8S_2Hg_3$ Phenyldiethylsulphonium trimercurioctaiodide (BALFE, KENYON, and PHILLIPS), 2564.

20 V

$C_{20}H_{16}O_8N_4S_2Ag$ Bis-*aa*′-dipyridylargentic persulphate (MORGAN and BURSTALL), 2596.

$C_{20}H_{18}O_8N_4S_2Ag$ Bis-*aa*′-dipyridylargentic hydrogen sulphate (MORGAN and BURSTALL), 2598.

$C_{20}H_{24}O_4Cl_2S_2Pt$ Dichlorobis-(*p*-carboxybenzyl ethyl sulphide) platinum (MANN), 1751.

$C_{20}H_{26}O_2N_2Cl_8I_2$ Quinine tetrachloroiodide (CHATTAWAY and PARKES), 1003.

C_{21} Group.

$C_{21}H_{12}O_3$ 10-Hydroxyphenanthraxanthone (BAKER), 267.

$C_{21}H_{12}O_5$ 6:7:10-Trihydroxyphenanthraxanthone (BAKER), 265.

$C_{21}H_{14}O$ Fluorenylideneacetophenone (STEVENS), 2116.

$C_{21}H_{14}O_5$ Benzoyl-1:2:3-trihydroxyanthrone (CROSS and PERKIN), 303.

$C_{21}H_{16}O_2$ 2-Methoxy-1:2′-dinaphthyl ether (WARREN and SMILES), 962.

$C_{21}H_{16}O_5$ 6-Hydroxy 2-benzoyloxy-4-benzyloxybenzaldehyde (BRADLEY, ROBINSON, and SCHWARZENBACH), 806.

3-Methoxy-4:5-diphenylmethylenedioxybenzoic acid (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.

Methyl 5-hydroxy-3:4-diphenylmethylenedioxybenzoate (BRADLEY, ROBINSON, and SCHWARZENBACH), 812.

$C_{21}H_{17}N_3$ 1:2-Diphenyl-5-benzyl-1:3:4-triazole (BHAGAT and RÂY), 2358.

2:5-Diphenyl-1-tolyl-1:3:4-triazoles (BHAGAT and RÂY), 2358.

$C_{21}H_{18}O_8$ 3:4:6-Triacetoxy-2-*p*-methoxyphenylcoumarone (BAKER), 1018.

$C_{21}H_{20}O_9$ 2-*β*-Glucosidoxy-1-methoxyanthraquinone (ROBERTSON), 1140.

Rubiadin glucoside (JONES and ROBERTSON), 1707.

$C_{21}H_{20}O_{10}$ Carthamin, constitution of (KURODA), 752, 765.

$C_{21}H_{24}O_{10}$ Phloridzin (+ $2H_2O$), constitution of (JOHNSON and ROBERTSON), 21.

$C_{21}H_{28}O$ Diphenylmethyl *l*-*β*-octyl ether (RULE and BAIN), 1900.

$C_{21}H_{38}O_2$ γ-Δ^8-Heptadecenylbutyrolactone (ROBINSON), 750.

$C_{21}H_{38}O_3$ *trans*-4-Keto-Δ^{12}-heneicosenoic acid (ROBINSON), 750.

$C_{21}H_{42}O$ Octadecyl allyl ether (DAVIES, HEILBRON, and OWENS), 2546.

$C_{21}H_{44}O_2$ *α*-Octadecyl glyceryl ether (DAVIES, HEILBRON, and OWENS), 2546.

21 III

$C_{21}H_{13}O_5N$ 7-Hydroxy-2-phenyl-3-*o*-nitrophenylbenzo-γ-pyrone (BAKER), 267.

7-Methoxy-3-phenyl-2-*o*-nitrophenylbenzo-γ-pyrone (BAKER), 266.

$C_{21}H_{14}OCl_2$ 1:4-Dichloro-10-benzyl-9-anthrone (BARNETT and GOODWAY), 1351.

$C_{21}H_{13}OBr$ Bromofluorenylacetophenone (STEVENS), 2116.

$C_{21}H_{15}O_4Cl$ 3-Methoxy-4:5-diphenylmethylenedioxybenzoyl chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.

$C_{21}H_{16}O_3S$ 3-Hydroxy-2-phenylthionaphthen 1:1-dioxide benzyl ether (COHEN and SMILES), 411.

$C_{21}H_{16}O_4S$ *iso*-*β*-Naphthol *s*-methylsulphone (WARREN and SMILES), 961.

$C_{21}H_{17}ON_3$ 2:5-Diphenyl-1-*p*-methoxyphenyl-1:3:4-triazole (BHAGAT and RÂY), 2358.

$C_{21}H_{17}OCl$ 9-Phenyl-2:7-dimethylxanthhydrol chloride (REILLY and DRUMM), 457.

$C_{21}H_{17}OBr_3$ 9-Phenyl-2:7-dimethylxanthhydrol tribromide (REILLY and DRUMM), 457.

$C_{21}H_{22}O_2N_2$ Strychnine (ASHLEY, PERKIN, and ROBINSON), 382; (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1769.

$C_{21}H_{23}ON$ 5-Benzoyloctahydroheptaquinoline (PLANT and ROSSER), 1843.

$C_{21}H_{24}ON_2$ 5-Phenylcarbamyloctahydroheptaquinolines (PLANT and ROSSER), 1843.

$C_{21}H_{24}O_4N_2$ Bis*apo*methyldihydrobrucine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1771.

$C_{21}H_{23}O_7Br_3$ Tribromonorbarbaloin pentamethyl ether (GIBSON and SIMONSEN), 560.

$C_{21}H_{26}O_3N_2$ *α*-Butyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2545.

$C_{21}H_{35}ON$ *neo*Menthylamino-*d*-methylenecamphors (READ and STEELE), 2432.

21 IV

$C_{21}H_{14}O_2N_2S$ 1:3-Diphenylthionaphthapyrazole 5:5-dioxide (COHEN and SMILES), 410.

$C_{21}H_{18}O_2NBr$ 1-Carbomethoxyanthranylpyridinium bromide (COULSON), 1935.

$C_{21}H_{22}O_8Cl_4Fe$ 3:7:3′:4′-Tetramethoxy-5:8-dimethylflavylium ferrichloride (ROBERTSON and STEPHENSON), 318.

21 V

$C_{21}H_{23}O_2N_2Cl_4I$ Strychnine tetrachloroiodide (CHATTAWAY and PARKES), 1004.

C_{22} Group.

$C_{22}H_{14}O_3$ 10-Methoxyphenanthraxanthone (BAKER), 266.

$C_{22}H_{16}O_2$ Acenaphthanthranyl acetate (COOK), 1095.

$C_{22}H_{16}O_3$ 5:7:4′-Triacetoxy-3′-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 822.

$C_{22}H_{18}O_5$ Methyl 3-methoxy-4:5-diphenylmethylenedioxybenzoate (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.

$C_{22}H_{18}O_8$ 2:3:4-Triacetoxy-9-anthranyl acetate (CROSS and PERKIN), 300.

$C_{22}H_{19}N_3$ 2-Phenyl-1-*m*-tolyl-5-benzyl-1:3:4-triazole (BHAGAT and RÂY), 2358.

$C_{22}H_{22}O_4$ Ethyl 1-phenyl-4-benzyl*cyclo*hexane-3:5-dione-2-carboxylate (MATTAR, HASTINGS, and WALKER), 2458.

$C_{22}H_{26}O_4$ Ethyl *meso*-$\beta\gamma$-diphenyladipate (OOMMEN and VOGEL), 2152.

$C_{22}H_{28}O_2$ *d*-β-Octyl diphenylacetate (RULE and BAIN), 1900.

$C_{22}H_{34}O_8$ Ethyl 1:2-dimethyl*bicyclo*hexane-4:5-dimalonate (CAWLEY, EVANS, and FARMER), 526.

$C_{22}H_{36}O_8$ Ethyl 1:2-dimethyl*cyclo*hexane-4:5-dimalonate (CAWLEY, EVANS, and FARMER), 527.

22 III

$C_{22}H_{15}O_5N$ 7-Methoxy-2-phenyl-3-*o*-nitrophenylbenzo-γ-pyrone (BAKER), 268.

$C_{22}H_{15}O_6Cl$ Benzoyldelphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 801.

$C_{22}H_{16}O_4N_2$ ω-Diazo-3-methoxy-4:5-diphenylmethylenedioxyacetophenone (BRADLEY, ROBINSON, and SCHWARZENBACH), 813.

$C_{22}H_{16}N_2S$ 1-Methyl-β naphthylamino-α-naphthathiazole (HUNTER and JONES), 947.

1-β-Naphthylimino-2-methyl-1:2-dihydro-α-naphthathiazole (HUNTER and JONES), 947.

$C_{22}H_{17}O_3N$ 7-Methoxy-3-phenyl-2-*o*-aminophenylbenzo-γ-pyrone (BAKER), 266.

$C_{22}H_{18}O_2S$ *iso*-β-Naphthol sulphide dimethyl ether (WARREN and SMILES), 961.

$C_{22}H_{18}O_3N_2$ Benzoylmethylbenzildioximes (BRADY and MUERS), 220.

$C_{22}H_{18}O_4S$ *iso*-2-Naphtholsulphone dimethyl ether (WARREN and SMILES), 1329.

$C_{22}H_{18}N_2S$ Methyl-*s*-di-β-naphthylthiocarbamide (HUNTER and JONES), 947.

$C_{22}H_{19}ON_3$ 2:5-Diphenyl-1-*p*-ethoxyphenyl-1:3:4-triazole (BHAGAT and RÂY), 2358.

2-Phenyl-1-*p*-methoxyphenyl-5-benzyl-1:3:4-triazole (BHAGAT and RÂY), 2358.

$C_{22}H_{22}O_6N_2$ 2:5-Diketo-3:6-di-*m*-acetoxybenzylpiperazine (DICKINSON and MARSHALL), 2292.

$C_{22}H_{26}O_6Cu$ Copper dehydroangustione (GIBSON, PENFOLD, and SIMONSEN), 1198.

$C_{22}H_{30}O_6Cu$ Copper angustione (GIBSON, PENFOLD, and SIMONSEN), 1192.

$C_{22}H_{34}O_8Br_2$ Ethyl 1:2-dimethyl*cyclo*hexane-4:5-dibromodimalonate (CAWLEY, EVANS, and FARMER), 529.

22 IV

$C_{22}H_{14}O_6N_2Br_4$ 2:5-Diketo-3:6-di-(3′:5′-dibromoacetoxybenzylidene)piperazines (DICKINSON and MARSHALL), 2291.

$C_{22}H_{18}O_6N_2Br_4$ 2:5-Diketo-3:6-di-(3′:5′-dibromo-2′-acetoxybenzyl)piperazine (DICKINSON and MARSHALL), 2291.

$C_{22}H_{19}O_5N_3Cl_2$ 2:2′-Dichloro-3:3′-dimethoxybenzoin *p*-nitrophenylhydrazone (HODGSON and ROSENBERG), 17.

$C_{22}H_{22}O_3N_2S$ 2-*p*-Dimethylaminobenzylideneaminophenyl *p*-toluenesulphonate (BELL), 1985.

2-*p*-Toluenesulphonyl-1-dimethylaminophenyldihydrobenzoxazole (BELL), 1985.

22 V

$C_{22}H_{25}O_2N_2Cl_4I$ *N*-Methylstrychnine tetrachloroiodide (CHATTAWAY and PARKES), 1005.

$C_{22}H_{30}O_2I_4S_2Cd$ Phenacylmethylethylsulphonium cadmitetraiodides (BALFE, KENYON, and PHILLIPS), 2571.

$C_{22}H_{30}O_2I_4S_2Hg$ Phenacylmethylethylsulphonium mercuritetraiodides (BALFE, KENYON, and PHILLIPS), 2568.

C_{23} Group.

$C_{23}H_{18}O_6$ *O*-Benzyldiosmetin (LOVECY, ROBINSON, and SUGASAWA), 819.

5:7-Dihydroxy-4′-benzyloxy-3′-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 821.

$C_{23}H_{20}O_{10}$ Acetylcarthamidins (KURODA), 761.

$C_{23}H_{20}O_{11}$ Triethylcarbonatoanthragallol (CROSS and PERKIN), 303.

$C_{23}H_{30}O$ *l*-Menthyl diphenylmethyl ether (RULE and BAIN), 1899.

$C_{23}H_{32}O_4$ Anhydrodigoxigenin (SMITH), 2479.

$C_{23}H_{34}O_5$ Digoxigenin (SMITH), 509, 2478.

$C_{23}H_{34}O_5$ *iso*Digoxigenin (SMITH), 2481.

$C_{23}H_{34}O_6$ *iso*Digoxigeninic acid (SMITH), 2481.

$C_{23}H_{36}O_5$ Dihydrodigoxigenin (SMITH), 2480.

23 III

$C_{23}H_{17}O_6Cl$ 5-*O*-Benzoyl-3′-*O*-methyldelphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 814.

$C_{23}H_{18}O_2N_2$ Di-(α-cyanobenzyloxyphenylmethane (BAKER and NEW), 1275.

$C_{23}H_{18}O_6S$ Phenacyl-*o*-carbophenacylphenylsulphone (COHEN and SMILES), 409.

$C_{23}H_{21}ON$ ω-Dimethylamino-ω-fluorenylacetophenone (STEVENS), 2115.

$C_{23}H_{21}ON_3$ 4-Benzidino-6-methoxy-2-methylquinoline (SLATER), 1213.

$C_{23}H_{23}ON$ ω-Dimethylamino-ω-benzhydrylacetophenone (STEVENS), 2115.

$C_{23}H_{23}O_3N$ Benzylidenedi-*p*-methoxyphenylhydroxyethylamine (READ and CAMPBELL), 2677.

$C_{23}H_{26}O_4N_2$ Brucine (ASHLEY, PERKIN, and ROBINSON), 382; (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1769.

$C_{23}H_{26}O_8N_2$ Ethyl di(hydroxymethyl)malonate diphenylcarbamate (WELCH), 259.

$C_{23}H_{28}O_4N_2$ Dihydrobrucine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1770.

$C_{23}H_{30}O_3N_2$ Dihydrobrucidine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1771.

$C_{23}H_{32}O_4N_2$ Hexahydrobrucine (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1772.

23 IV

$C_{23}H_{21}O_4N_2As$ 4′-6″-Methoxy-2″-methyl-4″-quinolylaminodiphenylglarsinic acid (SLATER), 1214.

C_{24} Group.

$C_{24}H_{16}$ 6-Phenyl-1:2-benzanthracene (COOK), 1092.

24 II

$C_{24}H_{16}O$ 1-*p*-Phenylbenzoyl-2-methylnaphthalene (COOK), 1092.

$C_{24}H_{18}O_5$ 6:7:10-Trimethoxyphenanthraxanthone (DAY), 264.

$C_{24}H_{20}O_6$ ω-Acetoxy-3-methoxy-4:5-diphenylmethylenedioxyacetophenone (Bradley, Robinson, and Schwarzenbach), 813.
$C_{24}H_{20}Si$ Tetraphenylsilicane, preparation of (Kipping and Short), 1029.
$C_{24}H_{24}N_4$ 1:4-Di-2′-methyl-4′-quinolylpiperazine (Kermack and Smith), 1360.
$C_{24}H_{30}O_{10}$ Trimethylphloridzin hydrate (Johnson and Robertson), 24.
$C_{24}H_{32}O_{15}$ Hexa-acetyl cellobial (Haworth, Hirst, Streight, Thomas, and Webb), 2638.
$C_{24}H_{34}O_{16}$ Hexa-acetyl deoxycellulose (Haworth, Hirst, Streight, Thomas, and Webb), 2638.

24 III

$C_{24}H_{17}O_3N$ 2-Benzoxy-α-naphthanilide (Bell), 1986.
$C_{24}H_{19}O_7N$ 7-Methoxy-3-phenyl-2-(6-nitro-3:4-dimethoxyphenyl)benzo-γ-pyrone (Baker), 263.
Piperonylidene-*dl*-di-3:4-methylenedioxyphenylhydroxyethylamine (Read and Campbell), 2680.
$C_{24}H_{20}ON_2$ Dimethyldiphenylazo-β-naphthols (Morgan and Walls), 1507.
$C_{24}H_{21}O_5N$ 7-Methoxy-3-phenyl-2-(6-amino-3:4-dimethoxyphenyl)benzo-γ-pyrone, and its salts (Baker), 264.
$C_{24}H_{25}O_4N$ Anisylidene-*dl*-di-*p*-methoxyphenylhydroxyethylamine (Read and Campbell), 2676.
$C_{24}H_{36}O_4N_2$ Ethyl *r*-methyl*cyclo*hexyl-1-cyanoacetates (Vogel and Oommen), 770.

24 IV

$C_{24}H_{15}O_{12}N_5S_2$ 5:4′-Dinitro-2-di-*m*-nitrobenzenesulphonamidodiphenyl (Bell), 1075.
$C_{24}H_{16}O_{10}N_4S_2$ Nitro-di-*m*-nitrobenzenesulphonamidodiphenyls (Bell), 1074.
$C_{24}H_{19}O_4NS$ 2-*p*-Toluenesulphonoxynaphthanilides (Bell), 1985.
$C_{24}H_{31}O_4N_2I$ Dihydrobrucine methiodide (Achmatowicz, Fawcett, Perkin, and Robinson), 1771.

24 V

$C_{24}H_{19}O_{11}N_2S_2As$ 1-Benzamido-*m*-benzamido-3:6-disulpho-8-naphthol-4″-arsinous acid (Gough and King), 680.
$C_{24}H_{19}O_{12}N_2S_2As$ 1-Benzamido-*m*-benzamido-3:6-disulpho-8-naphthol-4″-arsinic acid (Gough and King), 681.

C_{25} Group.

$C_{25}H_{18}$ 10-Benzyl-1:2-benzanthracene (Cook), 1094.

25 II

$C_{25}H_{18}O$ 10-Benzyloxy-1:2-benzanthracene (Cook), 1094.
$C_{25}H_{20}O$ 10-Hydroxy-10-benzyl-9:10-dihydro-1:2-benzanthracene (Cook), 1093.
$C_{25}H_{20}O_{10}$ γ-Acetylcarthamidin (Kuroda), 762.
$C_{25}H_{20}N_2$ Triphenylbenzenylamidine (Chapman), 2461.
$C_{25}H_{22}O_{11}$ β-Acetylcarthamidin (Kuroda), 762.
$C_{25}H_{31}N_3$ Hexamethyltriaminotriphenylmethane (Hinkel and Dunn), 1838.
$C_{25}H_{44}O_4$ *l*-Menthyl dimethylmalonate (Rule and Harrower), 2324.

25 III

$C_{25}H_{17}N_2Cl_3$ Tri-*p*-chlorophenylbenzenylamidine (Chapman), 2461.
$C_{25}H_{18}N_2Cl_2$ Di-*p*-chlorodiphenylbenzenylamidines (Chapman and Perrott), 2466.
$C_{25}H_{19}N_2Cl$ Diphenyl-*p*-chlorophenylbenzenylamidines (Chapman and Perrott), 2466.

$C_{25}H_{21}O_6Cl$ 5-*O*-Benzoyl-7:3′:5′-*O*-trimethyldelphinidin chloride (BRADLEY, ROBINSON, and SCHWARZENBACH), 807.

$C_{25}H_{21}N_2I$ 1:1′-Dimethylbenz*iso*cyanine iodide (HAMER), 1002.

$C_{25}H_{23}O_2N_3$ Acetyl derivative of 4-benzidino-6-methoxy-2-methylquinoline (SLATER), 1214.

$C_{25}H_{24}N_2I$ Acenaphthpyridine-2-aldehyde methiodide *p*-dimethylaminoanil (HAMER), 999.

25 IV

$C_{25}H_{19}N_2ClS_2$ 2:2′-Dimethyl-5:6:5′:6′-dibenzthiocyanine chloride (FISHER and HAMER), 2509.

$C_{25}H_{19}N_2BrS_2$ 2:2′-Dimethyl-5:6:5′:6′-dibenzthiocyanine bromide (FISHER and HAMER), 2509.

$C_{25}H_{19}N_2IS_2$ 2:2′-Dimethyl-5:6:5′:6′-dibenzthiocyanine iodide (FISHER and HAMER), 2509.

$C_{25}H_{34}O_8N_2S$ Dihydrobrucine methosulphate (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1770.

C_{26} Group.

$C_{26}H_{32}O_6$ Substance, from 1:1:3-trimethyl-Δ^3-*cyclo*hexene-4:6-dione and piperonal (GIBSON, PENFOLD, and SIMONSEN), 1194.

$C_{26}H_{36}O_6$ Substance, from 1:1:3-trimethyl*cyclo*hexane-4:6-dione and piperonal (GIBSON, PENFOLD, and SIMONSEN), 1196.

$C_{26}H_{40}O$ Ergosterol, hydrogenation and fractionation of (SPRING), 2666.

26 III

$C_{26}H_{20}O_2N_2$ Substance, from benzeneazo-β-naphthol and β-naphthol (HODGSON and ROSENBERG), 2787.

$C_{26}H_{20}O_2S$ 9-Phenyl-9-fluorenyl-*p*-tolylsulphone (INGOLD and JESSOP), 711.

$C_{26}H_{23}N_2I$ Methylethylbenz*iso*cyanine iodide (HAMER), 1002.

$C_{26}H_{25}O_{12}Br_2$ Tribromopenta-acetylnorbarbaloin (GIBSON and SIMONSEN), 560.

$C_{26}H_{25}N_2I$ 2-*p*-Dimethylaminostyrylacenaphthpyridine methiodide (HAMER), 999.

$C_{26}H_{27}O_9Br_3$ Tribromobarbaloin pentamethyl ether (GIBSON and SIMONSEN), 559.

$C_{26}H_{28}O_2N_4$ 1:4-Di-6′-methoxy-2′-methyl-4′-quinolylpiperazine (KERMACK and SMITH), 1360.

26 V

$C_{26}H_{21}O_4NBr_2S_2$ Dibromo-4-di-*p*-toluenesulphonamidodiphenyls (BELL), 1076.

C_{27} Group.

$C_{27}H_{20}$ 10-Benzylacenaphthanthracene (COOK), 1095.

27 II

$C_{27}H_{22}O_6$ 5:7-Diacetoxy-4′-benzyloxy-3′-methoxyflavone (LOVECY, ROBINSON, and SUGASAWA), 821.

$C_{27}H_{24}N_2$ Di-*p*-tolylphenylbenzenylamidines (CHAPMAN and PERROTT), 2466.

$C_{27}H_{28}O_{12}$ Benzoylquinol tetra-acetyl glucoside (ROBERTSON and WATERS), 2732.

$C_{27}H_{30}O_2$ Substance, from sodioacetophenone and methyl iodide in benzene (RUSSELL), 320.

$C_{27}H_{32}O$ Triphenylmethyl *l*-β-octyl ether (RULE and BAIN), 1899.

$C_{27}H_{36}O_5$ Diacetylanhydrodigoxigenin (SMITH), 2480.

$C_{27}H_{38}O_7$ Diacetyldigoxigenins (SMITH), 2479, 2481.

$C_{27}H_{38}O_{18}$ Hepta-acetyl 4-galactosido-α-methylmannoside (HAWORTH, HIRST, PLANT, and REYNOLDS), 2648.

Hepta-acetyl 4-glucosido-α-methylmannoside (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2641.

$C_{27}H_{40}O_7$ Diacetyldihydrodigoxigenin (SMITH), 2480.

$C_{27}H_{48}O_4$ *l*-Menthyl diethylmalonate (RULE and HARROWER), 2325.

27 III

$C_{27}H_{12}O_3N_2$ ω-Cyano-ω-piperonylideneacetanilide (ISHAQ and RÂY), 2740.

$C_{27}H_{23}N_2I$ ψ-Cyanine from 2-methylacenaphthpyridine methiodide and 2-iodoquinoline (HAMER), 1000.

*iso*Cyanine from 2-methylacenaphthpyridine methiodide and quinoline methiodide (HAMER), 1000.

27 IV

$C_{27}H_{22}O_3N_4S$ 3-Keto-2-benzoyl-2:3-dihydrothionaphthen diphenylhydrazone (COHEN and SMILES), 410.

$C_{27}H_{23}N_2ClS_2$ 2:2′-Diethyl-5:6:5′:6′-dibenzthiocyanine chloride (FISHER and HAMER), 2508.

$C_{27}H_{23}N_2BrS_2$ 2:2′-Diethyl-5:6:5′:6′-dibenzthiocyanine bromide (FISHER and HAMER), 2508.

$C_{27}H_{23}N_2IS_2$ 2:2′-Diethyl-5:6:5′:6′-dibenzthiocyanine iodide (FISHER and HAMER), 2509.

$C_{27}H_{24}O_6N_2Co$ Cobalt oximinopropiophenone (HEY), 21.

$C_{27}H_{42}O_{11}N_2S_2$ Dihydrobrucidine dimethosulphate (ACHMATOWICZ, FAWCETT, PERKIN, and ROBINSON), 1772.

C_{28} Group.

$C_{28}H_{16}O_7$ Dibenzoylanthragallol (CROSS and PERKIN), 303.

$C_{28}H_{20}Cl_2$ 1:4-Dichloro-10-benzylidene-9:10-dihydroanthracene (BARNETT and GOODWAY), 1352.

$C_{28}H_{26}N_2$ Tri-*p*-tolylbenzenylamidine (CHAPMAN), 2461.

$C_{28}H_{32}O_2$ *d*-β-Octyl triphenylacetate (RULE and BAIN), 1901.

$C_{28}H_{38}O_{19}$ Octa-acetyl 4-glucosido-α-mannose (HAWORTH, HIRST, STREIGHT, THOMAS, and WEBB), 2643.

28 III

$C_{28}H_{18}O_7S_2$ 3-Keto-2-phenyl-2:3-dihydrothionaphthen 1:1-dioxide 2-oxide (COHEN and SMILES), 413.

$C_{28}H_{19}O_3N$ 2-β-Naphthoxy-β-naphthanilide (BELL), 1985.

$C_{28}H_{20}O_3S$ Benzoyl derivative of *iso*-β-naphthol sulphide methyl ether (WARREN and SMILES), 960.

$C_{28}H_{20}O_5S$ Benzoyl derivative of *iso*-β-naphthol *S*-methylsulphone (WARREN and SMILES), 961.

$C_{28}H_{21}OCl$ Chloro-10:10-dibenzylanthrones (BARNETT and GOODWAY), 1350.

$C_{28}H_{22}OCl_2$ 1:4-Dichloro-9:10-dibenzyl-9:10-dihydroanthranol (BARNETT and GOODWAY), 1352.

$C_{28}H_{24}O_2N_4$ 6:7-Methylenedioxy-1-benzylphthalazine diphenylhydrazone (AGGARWAL, KHERA, and RÂY), 2357.

$C_{28}H_{25}N_2I$ ψ-Cyanine from 2-methylacenaphthpyridine methiodide and 2-iodoquinoline ethiodide (HAMER), 1001.

*iso*Cyanine from 2-methylacenaphthpyridine methiodide and quinoline ethiodide (HAMER), 1000.

$C_{28}H_{26}ON_4$ 4-Methoxy-2-phenylacetylbenzaldehyde diphenylhydrazone (AGGARWAL, KHERA, and RÂY), 2356.

$C_{28}H_{29}O_{10}Br_3$ Acetyltribromobarbaloin pentamethyl ether (GIBSON and SIMONSEN), 560.

$C_{28}H_{30}O_9N_4$ *p*-β-Carbethoxy-γ-phenylallylphenyldimethylethylammonium picrate (SHOPPEE), 984.

28 IV

$C_{28}H_{22}O_4N_4Co$ Cobalt α-benzildioxime (BRADY and MUERS), 1603.

C_{29} Group.

$C_{29}H_{28}O_{13}$ 3-*O*-Tetra-acetyl-β-glucosidoxy-1-hydroxy-2-methylanthraquinone (JONES and ROBERTSON), 1707.

$C_{29}H_{28}O_{14}$ 2-*O*-Tetra-acetyl-2-β-glucosidoxy-1-methoxyanthraquinone (ROBERTSON), 1139.

$C_{29}H_{32}O$ *d*-Bornyl triphenylmethyl ether (RULE and BAIN), 1899.

$C_{29}H_{48}O_2$ Ergostenyl acetates (SPRING), 2666.

29 III

$C_{29}H_{40}O_6N_2$ α-Laurin βγ-diphenylurethane (FAIRBOURNE), 380.

C_{30} Group.

$C_{30}H_{26}O_7$ Benzylvanillic anhydride (LOVECY, ROBINSON, and SUGASAWA), 820.
O-Benzyl*iso*vanillic anhydride (LOVECY, ROBINSON, and SUGASAWA), 819.

$C_{30}H_{30}O_{13}$ 3-*O*-Tetra-acetyl-β-glucosidoxy-1-methoxy-2-methylanthraquinone (JONES and ROBERTSON), 1708.

30 IV

$C_{30}H_{24}O_6N_8Ag$ Tris-αα′-dipyridylargentic nitrate (MORGAN and BURSTALL), 2597.

$C_{30}H_{26}O_4N_4Ni$ Nickel *O*-methyl-α-benzildioxime (BRADY and MUERS), 1602.

$C_{30}H_{30}N_6I_2Cu$ Hexapyridinocupric iodide (KING), 2314.

$C_{30}H_{32}O_6N_2S_2$ *p*-Toluenesulphonyl derivative of ethylenedi-*p*-methoxyphenyldiamine (BENNETT, MOSSES, and STATHAM), 1674.

30 V

$C_{30}H_{24}O_6N_6Cl_2Ag$ Tris-αα′-dipyridylargentic chloride (MORGAN and BURSTALL), 2597.

$C_{30}H_{24}O_8N_4Cl_2Ag$ Tris-αα′-dipyridylargentic perchlorate (MORGAN and BURSTALL), 2598.

C_{31} Group.

$C_{31}H_{31}ON$ 4′-Diethylamino-9:9-diphenyl-2:7-dimethylxanthen (REILLY and DRUMM), 457.

C_{32} Group.

$C_{32}H_{27}O_{13}Br_3$ Acetyltribromobarbaloin (GIBSON and SIMONSEN), 559.

32 IV

$C_{32}H_{36}O_6Cl_2Te_2$ Bis-*p*-phenetyl tellurioxychloride (MORGAN and BURSTALL), 2600.

C_{33} Group.

$C_{33}H_{59}O_5N_3$ Cetyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2546.

$C_{33}H_{54}O_5N_2$ α-Octadecyl glyceryl ether diphenylurethane (DAVIES, HEILBRON, and OWENS), 2546.

33 V

$C_{33}H_{45}O_3Cl_7S_2Hg_2$ Phenacylmethylethylsulphonium dimercuriheptachloride (BALFE, KENYON, and PHILLIPS), 2570.

$C_{33}H_{45}O_3I_5S_2Cd$ Phenacylmethylethylsulphonium cadmipentaiodides (BALFE, KENYON, and PHILLIPS), 2571.

C_{34} Group.

$C_{34}H_{24}Cl_2$ 1:8-Dichloro-9-benzyl-10-benzhydrylanthracene (BARNETT and GOODWAY), 1351.

$C_{34}H_{42}O_{20}$ *O*-Octa-acetyl *β*-*m*-phenyleneglucoside (ROBERTSON and WATERS), 2731.

34 IV

$C_{34}H_{36}N_2S_6Ni$ Bisdibenzylthiolethanenickel thiocyanate (BENNETT, MOSSES, and STATHAM), 1674.

C_{35} Group.

$C_{35}H_{20}O_8$ Tribenzoylanthragallol (CROSS and PERKIN), 302.

35 III

$C_{35}H_{32}O_2N_4$ *pp'*-Di-6'-methoxy-2'-methyl-4'-quinolyldiaminodiphenylmethane (SLATER), 1215.

C_{36} Group.

$C_{36}H_{30}O_{11}$ 3-Keto-6:3':6'-triacetoxy-2:2'-di-*p*-methoxyphenyl-2:3'-dicoumaranyl (BAKER), 1019.

C_{41} Group.

$C_{41}H_{64}O_{14}$ Digoxin (SMITH), 508.

C_{42} Group.

$C_{42}H_{44}O_{22}$ Alizarin octa-acetyl maltoside (ROBERTSON), 1141.

C_{43} Group.

$C_{43}H_{46}O_{22}$ 1:3-*O*-Octa-acetyl-*β*-diglucosidoxy-2-methylanthraquinone (JONES and ROBERTSON), 1708.

C_{45} Group.

$C_{45}H_{39}O_6N_6Co$ Cobalt *O*-methyl-*α*-benzildioxime (BRADY and MUERS), 1601.

C_{50} Group.

$C_{50}H_{40}O_{16}N_{10}S_4Ag_2$ Pentakis-*aa'*-dipyridyldiargentic persulphate (MORGAN and BURSTALL), 2596.

ERRATA.

VOL., 1927.

Page	Line	
2431	6*	*For* "*d*-dimethoxyglutaramide" *read* "*d*-dimethoxysuccinamide."

VOL., 1929.

1055	5	*after* "scarlet" *insert* "sodium."
2729	14*	*for* "10^3" *read* "10^{-3}."
2749	4	*for* "2 : 5-dimethylphenarsazinic acid" *read* "2 : 6-dimethylphenarsazinic acid."
2773	15*	*after* "at 15°," *insert* "only an impure mononitro-derivative and a gum were formed. With fuming nitric acid alone at 15°,".
2773	14*	*for* "68%" *read* "63%."
2866	19 13*	*for* "Muir" *read* "Smith."
2952	4	*for* "TIRUVENTAKA" *read* "TIRUVENKATA."

VOL., 1930.

309	2*	*for* "Malinya" *read* "Malviya."
656	20*	*for* "β-methylmannofuranoside" *read* "β-methylmannopyranoside."
1029	3–4	For "*Triphenylsilicyl Chloride*" read "*Phenylsilicon Trichloride.*"
1563	22	*for* "$C_{14}H_{19}O_2NS$" *read* "$C_{16}H_{19}O_2NS$."
1563	11* 14*	*for* "$(C_{10}H_{21}N)_2$" *read* "$(C_9H_{13}N)_2$."

* From bottom.

List of Physico-chemical Symbols adopted by the Chemical Society.
[See J.C.S., 1921, **119**, 502—512.]

1. *Mathematical Symbols.*

	Usual symbol.	Alternative symbol.
Base of natural (Napierian) logarithms ...	e	
Diameter	d	
Radius	r	
Ratio of circumference to diameter	π	
Summation.....	Σ	
Variation	δ	
Total differential	d	
Partial differential	∂	

2. *Universal Constants.*

Acceleration due to gravity.....	g	
Mechanical equivalent of heat	J	
Avogadro's constant [number of molecules in 1 gram-molecule (mole)]	N	
Gas constant per mole	R	
Faraday's constant (number of coulombs per gram-equivalent of an ion)	F	
Charge on an electron	e	

3. *General Physics and Chemistry.*

Length	l	
Height.....	h	
Mass	m	
Time	t	
Volume	v, V	
Density (mass per unit volume)	d	D
Pressure	p, P	
Concentration	c, C	
Mole fraction	x	
Critical constants: pressure, volume, temperature (centigrade), temperature (absolute), density	p_c, v_c t_c, T_c d_c	
Reduced quantities: pressure, volume, temperature, density	p_r, v_r t_r, T_r, d	
van der Waals's constants	a, b	
Fluidity	φ	
Viscosity	η	
Surface tension	γ	σ
Diffusion coefficient	Δ	
Atomic weight	A	
Molecular weight	M	
Velocity coefficient of reaction	k	
Equilibrium constant	K, (K_c, K_p)	
van 't Hoff coefficient	i	
Degree of dissociation (electrolytic, thermal, etc.)	α	

4. *Heat and Thermodynamics.*

	Usual symbol.	Alternative symbol.
Temperature (centigrade)	t	θ
Temperature (absolute)	T	
Critical temperature	t_c, T_c	
Reduced temperature	t_r, T_r	
Critical solution temperature	t_{cs}, T_{cs}	
Quantity of heat	Q	
Entropy	S	
Specific heat	c	
Specific heat at constant pressure	c_p	
Specific heat at constant volume	c_v	
Ratio of specific heats, $c_p : c_v$	γ	
Molecular heat	C	
Molecular heat at constant pressure	C_p	
Molecular heat at constant volume	C_v	
Latent heat per gram	l	
Latent heat per mole	L	
Maximum work (diminution of free energy)	A	

5. *Optics.*

Wave-length of light	λ	
Refractive index	n	n_r
Specific refractive power (Gladstone and Dale)	r_G, $[r_G]^t_\lambda$	
Specific refractive power (Lorentz and Lorenz)	r_L, $[r_L]^t_\lambda$	
Molecular refractive power	R_G, R_L $[R_G]^t_\lambda$, $[R_L]^t_\lambda$	
Angle of optical rotation	a	
Specific rotatory power	$[a]$	
Molecular rotatory power	$M[a]$	
Specific magnetic rotation	$[\omega]$	
Molecular magnetic rotation	$M[\omega]$	

6. *Electricity and Magnetism.*

Quantity of electricity	Q	
Current intensity	I	
Resistance	R	W
Electromotive force	E	
Electrode potential, or discharge potential of an ion	E	ϵ
Electrode potential referred to the normal hydrogen or normal calomel electrode respectively, the potential of which is taken as zero	E_h, E_c	ϵ_h, ϵ
Normal potential, i.e., the electrode potential referred to the normal hydrogen or normal calomel electrode respectively, when the solution is molecular-normal in respect of all participating substances and ions of variable concentration	${}_0E_h$, ${}_0E_c$	${}_0\epsilon_h$, ${}_0\epsilon$
Dielectric constant	ϵ	
Conductivity (specific conductance)	κ	
Equivalent conductivity	Λ	
Equivalent conductivity at different dilutions—volumes in litres containing 1 gram equivalent	Λ_{10^v}, Λ_v, Λ_∞	

6. *Electricity and Magnetism*—(continued).

	Usual symbol.	Alternative symbol.
Equivalent conductivity of cation and of anion	Λ_k, Λ_a	
Equivalent conductivity of specified ions	Λ_K, Λ_{Cl}	
Molecular conductivity	μ	
Velocity of cation and of anion in cm./sec. when the potential gradient is 1 volt per cm.	U_k, U_a	
Transport number of kation and of anion	n_k, n_a	
Magnetic permeability	μ	
Magnetic susceptibility	κ	

List of Symbols, Arranged Alphabetically.

Symbol.	Name of quantity.
A	Atomic weight; maximum work.
a	Van der Waals's constant.
b	Van der Waals's constant.
C	Concentration; molecular heat.
c	Concentration; specific heat.
C_p, C_v	Molecular heat at constant pressure, and at constant volume.
c_p, c_v	Specific heat at constant pressure, and at constant volume.
D	Alternative symbol for density.
d	Diameter; total differential; density.
d_c	Critical density.
δ	Reduced density.
E	Electromotive force; electrode potential.
e	Base of Napierian logarithms; charge on an electron.
E_h, E_c	Electrode potential referred to the normal hydrogen or the normal calomel electrode, respectively, the potential of which is taken as zero.
${}_0E_h$, ${}_0E_c$	Normal potential, that is, the electrode potential referred to the normal hydrogen or the normal calomel electrode respectively, when the solution is molecular-normal in respect of all participating substances and ions of variable concentration.
F	Faraday's constant (number of coulombs per gram-equivalent of an ion).
g	Acceleration due to gravity.
h	Height.
I	Current.
i	Van 't Hoff's coefficient.
J	Mechanical equivalent of heat.
K	Equilibrium constant.
K_c, K_p	Equilibrium constant, when molar concentrations and partial pressures respectively are employed.
k	Velocity coefficient of reaction.
L	Latent heat per mole.
l	Length; latent heat per gram.
M	Molecular weight.
$M[\alpha]$	Molecular rotatory power.
$M[\omega]$	Molecular magnetic rotatory power.
m	Mass.
N	Avogadro's constant (Loschmidt's number) or number of molecules in 1 gram-molecule.
n	Refractive index.

List of Symbols, Arranged Alphabetically—(continued).

Symbol.	Name of quantity.
n_k, n_a	Transport number of cation and of anion.
n,	Refractive index (alternative symbol).
P	Pressure.
p	Pressure.
p_c, p_r	Critical pressure : reduced pressure.
Q	Quantity of heat; quantity of electricity.
R	Gas constant per mole; electrical resistance.
R_G, R_L	Molecular refractive power, according to Gladstone and Dale, and to Lorentz and Lorenz respectively.
r	Radius.
r_G, r_L	Specific refractive power according to Gladstone and Dale, and to Lorentz and Lorenz respectively.
S	Entropy.
T	Absolute temperature.
T_c	Critical temperature (on the absolute scale).
T_r	Reduced temperature (absolute).
T_{cs}	Critical solution temperature (absolute).
t	Time; temperature (centigrade).
t_c	Critical temperature (centigrade).
t_{cs}	Critical solution temperature (centigrade).
t_r	Reduced temperature (centigrade).
U_k, U_a	Velocity of kation and of anion in cm./sec. when the potential gradient is 1 volt per cm.
V	Volume.
v	Volume.
v_c, v_r	Critical volume : reduced volume.
W	Electrical resistance (alternative symbol).
x	Mole fraction.
α	Degree of dissociation (electrolytic, thermal, etc.); angle of optical rotation.
$[\alpha]$	Specific rotatory power.
γ	Surface tension; ratio of specific heats.
Δ	Diffusion coefficient.
δ	Variation.
∂	Partial differential.
ϵ	Electrode potential (alternative symbol); dielectric constant.
ϵ_h, ϵ	Electrode potential referred to the normal hydrogen or the normal calomel electrode respectively, the potential of which is taken as zero (alternative symbols).
ϵ^0_h, ϵ^0	Normal potential, that is, the electrode potential referred to the normal hydrogen or the normal calomel electrode respectively, when the solution is molecular-normal in respect of all participating substances and ions of variable concentration (alternative symbols).
η	Viscosity.
θ	Temperature (centigrade), (alternative symbol).
κ	Specific conductance (conductivity); magnetic susceptibility.
Λ	Equivalent conductivity.
Λ_{10}, Λ_v, Λ_∞	Equivalent conductivity at different dilutions (volumes in litres containing 1 gram-equivalent).
Λ_k, Λ_a	Equivalent conductivity of cation and of anion.
λ	Wave-length of light.
μ	Molecular conductivity; magnetic permeability.
π	Ratio of circumference to diameter.
Σ	Summation.
σ	Surface tension (alternative symbol).
φ	Fluidity.
$[\omega]$	Specific magnetic rotation.